

## **APPENDIX F: DESIGN CORRIDOR AND MARSH FILL SURVEYS**

**MISSISSIPPI RIVER LONG DISTANCE SEDIMENT  
PIPELINE PROJECT  
PROJECT No. BA-43EB**

**DATA COLLECTION REPORT**

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**PREPARED FOR:**

**COASTAL PROTECTION AND RESTORATION AUTHORITY  
OF LOUISIANA**



**DECEMBER 1, 2011**

**SUBMITTED BY:**





**MISSISSIPPI RIVER LONG DISTANCE SEDIMENT  
PIPELINE PROJECT  
PROJECT NO. BA-43EB  
DATA COLLECTION REPORT**

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Prepared for: C.P.R.A.  
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Baton Rouge, LA 70801

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412 S. Van Ave.  
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**MISSISSIPPI RIVER LONG DISTANCE SEDIMENT PIPELINE  
PROJECT  
PROJECT NO. BA-43 EB  
DATA COLLECTION REPORT**

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**LIST OF DRAWINGS**

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**PACKAGE 2--- Magnetometer Surveys (10 sheets)**

**Digital Appendix**

- Data Collection Report file (PDF format)
- Project digital drawing files (AutoCAD, and PDF format)
- Topographic and Bathymetric digital survey point data (ASCII II format)
- Survey Field Notes (PDF Format)

# **DATA COLLECTION REPORT**

## **MISSISSIPPI RIVER LONG DISTANCE SEDIMENT PIPELINE PROJECT PROJECT NO. BA-43EB**

### **1.0 INTRODUCTION**

The purpose of the data collection tasks summarized in this report is to provide critical support information for planning and design of the main trunkline corridor of the Mississippi River Long Distance Sediment Pipeline (LDSP) Project (BA-43EB). T. Baker Smith, LLC (TBS), as a subconsultant to Moffatt and Nichol (M&N), has been tasked with collecting design data along the new LDSP trunkline corridor identified in the *Overall Planning and Conceptual Development* document dated Jan. 14, 2011. The services provided under this task order involved topographic, bathymetric, and geophysical field data collection, related data processing, and the organization of all data into a workable format for design purposes.

### **2.0 PROJECT OVERVIEW**

The LDSP Project is funded through the Coastal Impact Assistance Program (CIAP) and State (LA) Surplus funds. The project is sponsored by the Coastal Protection and Restoration Authority of Louisiana (CPRA). The LDSP project will utilize dredged sediment from the Mississippi River to create an access corridor and fronting marsh features which form part of the natural Barataria Landbridge. The primary objective of this project is to restore and nourish wetlands along a continuous pipeline route which will facilitate incorporation of future projects at maximum efficiency. The project site is located in the Barataria Basin, approximately 15 miles South of Belle Chasse, LA and 5 miles west of the Mississippi River. Data collection tasks included in this report are focused on the project corridor located between the Non-Federal levee and the Barataria Waterway.

### **3.0     DATA COLLECTION SUMMARY**

During the period of July 2011 through November 2011, T. Baker Smith, LLC (TBS) collected field data throughout the project area. This data collection task consisted of numerous topographic, bathymetric, and geophysical surveys throughout the proposed project area. Field data was collected by a three-man survey crew using an Airboat for marine transportation.

#### **3.1     FILL AREA TRANSECTS**

Topographic and Bathymetric surveys were performed along 120 transects located (generally) perpendicular to the proposed corridor alignment at 500 ft. intervals. Cross-sections were also included at various bayous, pipeline canals, and tidal openings connected to the fill areas. The spacing for elevations obtained in these surveys was every 25 feet or major changes in grade. Also, the perimeter marsh edge of each fill area and interior islands was surveyed at 50' intervals or less to accurately depict the feature. An overall survey layout plan view can be seen in Appendix 1.

#### **3.2     MARSH BANKLINE SURVEYS**

Topographic Surveys were performed along the fill areas to delineate the change from subaerial marsh vegetation to shallow subaqueous tidal ponds. The perimeter marsh edge of each fill area and interior islands were surveyed at 25' intervals or less to accurately depict the features. Positions and Elevations were observed along the vegetation line, at the tuft of the plant. This survey also included topographic surveys of camps, bulkheads, and wharfs and other structures within the project area. Marsh Bankline surveys were not performed in the area between transects 127 and 145.

#### **3.3     MAGNETOMETER SURVEYS**

Magnetometer surveys were performed in all fill areas to determine the location of any possible oil and gas pipelines and other metallic obstructions. All magnetometer surveys were performed by towing a proton magnetometer towfish behind an Airboat. The survey was run on tracklines arranged in a grid format, spaced at 500' intervals,

oriented in a manner to provide complete coverage of the area. A total of 245 magnetic anomalies were detected and identified during this survey.

Subsequent to the Magnetometer investigation, survey crews investigated all anomalies using a magnetic gradiometer and probing techniques to determine if metallic objects such as pipelines were present. Four active pipelines were found to run through the southwestern most end of our project area, which includes two 4" diameter Central Crude Pipelines, one 18" diameter Plains Pipeline, and one Midstream Pipeline (diameter unknown). The survey also concluded that approximately 16 inactive flowlines (2"-3") are present in the project area. These small flowlines were found to be broken, segmented, and abandoned. Some of the anomalies detected were found to be false readings generated by the rough conditions caused from towing equipment from an Airboat.

### **3.4 GEOTECHNICAL LOCATION AND MAGNETOMETER SURVEYS**

Surveying assistance was provided to Fugro, Inc. in order to verify, stake, and clear all of the proposed Soil Boring and CPT locations for the Geotechnical program. All of the proposed sites were surveyed with a Fugro representative on-site. A magnetometer survey was performed in the area immediate to each location to verify that no oil & gas pipelines were in the vicinity. A total of 32 sites were surveyed and staked. Site No. 17 was relocated because an underground pipeline was detected at, or near, the originally proposed location.

## **4.0 METHODOLOGY**

### **4.1 SURVEY CONTROL AND DATUM INFORMATION**

Three CPRA Secondary Benchmarks were used as horizontal and vertical survey control for all data collection tasks on this project; "BA41-SM01", "BA23-SM02", & "BA03C-SM02". One or more of these Benchmarks were used for day-to-day control based on their proximity to the work area. Prior to any survey work being performed, the position of each benchmark was verified by observing the nearest mark with RTK GPS. Each of the project benchmarks identified above were found to be within acceptable

tolerances based on the position of the other two benchmarks. During these quality control checks, it was also determined that benchmark “BA03C SM 01 RESET” did not check with the three project benchmarks identified above. This is likely because “BA03C SM 01 RESET” was more recently established using a different GEOID model than the other marks (GEOID09). All project benchmarks and temporary control points were checked and verified at the beginning of each day of field work. Benchmark datasheets for each of the three survey control points can be found in Appendix 2.

The horizontal datum for all survey field data collected as a part of this project is the North American Datum of 1983 (NAD83). The projection for all grid coordinates is Louisiana State Plane, South Zone (1702), in U.S. Survey feet. The vertical datum for all elevations is NAVD 88, in U.S. Survey feet. Orthometric heights were established using GEOID03 (Louisiana revision). Geographic coordinates are provided as NAD83 latitudes and longitudes.

#### **4.2 TOPOGRAPHIC SURVEYS**

Topographic Surveys were performed using a standard three-man survey crew, accessing the survey area by airboat. In areas with a clear, unobstructed view of the sky, a Trimble© model R7/R8 GPS RTK unit was used to collect the topographic field data. The manufacturer’s stated accuracy of this unit is 2-3 cm horizontal, and 3-4 cm vertical. All RTK GPS Survey information was stored digitally using a Trimble TSC-2 Data Collector.

In areas where tree canopy or other obstructions made RTK GPS impractical, the survey crew used conventional survey methods to collect the topographic data. Typically, two control points were set with RTK GPS in an unobstructed area. A 200’ surveyors tape and level were then used to reference the surveyed point to the control points. Handwritten field notes were used to document all conventional survey data. For the subaqueous portions of cross-sections, data was collected by taking hand soundings using a Standard 25’ Stadia Rod with a 6” diameter bottom plate. RTK GPS was used for horizontal positioning of each sounding. The soundings were also referenced to an RTK GPS observed tide reading for elevation reduction.

Topographic survey data was downloaded from the Trimble TSC-2 Data Collector into the Trimble Business Center software for processing. This software allows for QA/QC of GPS data, and was used to check for instrument setup errors, antenna height errors, and other blunders. Sounding data was processed by manually entering the soundings and observed tide readings into a formatted spreadsheet. The spreadsheet was configured to automatically reduce each sounding from depths to NAVD88 elevations.

This data was exported to digital point files and then entered into AutoCAD Civil 3D for further processing. Using this point data, 3D surface models were produced for all areas. The 3D surface models incorporated all marsh bankline survey data as breaklines, which helped to further refine the models. In all, two independent surface models were created for each area; one subaerial and one subaqueous. These two surface models were combined and used to generate elevation contours and profiles for the final deliverable drawings. The processed survey data was also exported to one complete digital csv file containing X, Y, & Z coordinates.

#### **4.3 MAGNETOMETER SURVEYS**

Geophysical instruments used during this survey consisted of a Marine Magnetics SeaSPY marine magnetometer. Horizontal positioning of the Airboat was accomplished using HyPack® navigation software with a Trimble Model R8, RTK global positioning receiver. The magnetometer sensor was deployed 50 feet behind the positioning antenna.

All Magnetometer data was digitally recorded by an onboard laptop computer using the SeaSPY interface linked with the *HYPACK MAX* survey navigation software mentioned above. The magnetometer was set to a collection frequency of 10 Hz. The magnetic data was processed in Hypack to obtain the exact position, signature type, and strength of each anomaly. The Hypack processing software allows the user to view the magnetic data as actual magnetic field values along a continuous line. The user is able to easily pinpoint anomalies as deflections from the normal magnetic field and note the position based on the center of the signature. Each magnetic anomaly is interpreted based on its size, signature type, and actual field observations.

#### **4.4 PIPELINE INVESTIGATION**

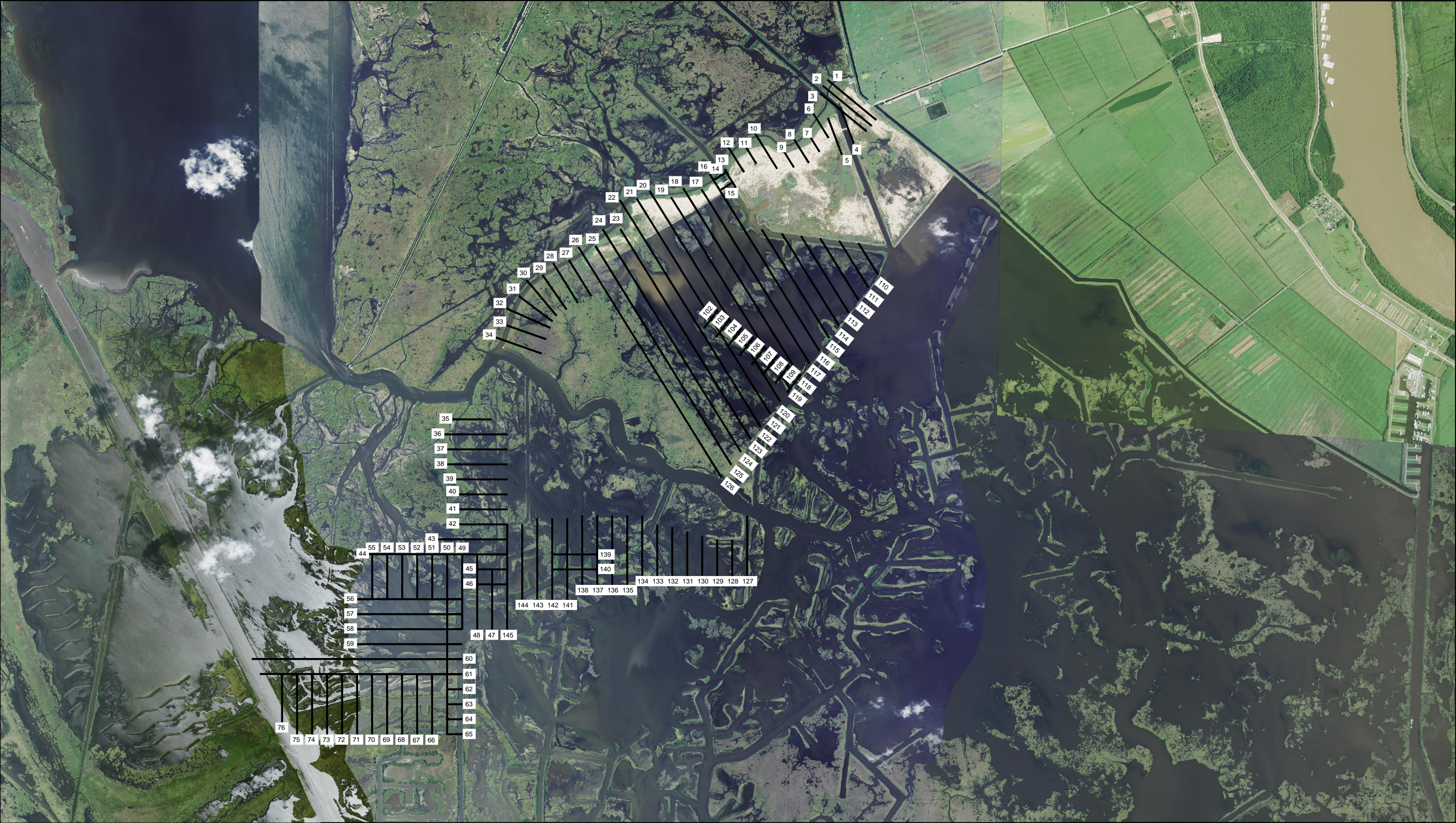
All 245 anomalies found in the magnetometer survey were investigated by the survey crew in order to determine if each metallic anomaly was accurate. This investigation began with a gradiometer being run over each anomaly point to determine if a metallic object was present or if a false reading occurred. The magnetic gradiometer was towed slowly along the water bottom to pinpoint the exact location of the magnetic signature. Once an object was determined to exist, the survey crew used a water jet probing system to remove overburden material and “feel” for the object. If pipelines or flowlines were present, the elevation and depth of cover were recorded. All pipelines were probed from the detection site, in both directions, until the end of pipe was found. All pipelines and flowlines were also marked with a 15’ cane pole at each of the probing locations. The position and elevation of all pipelines, flowlines, and miscellaneous metallic objects were recorded using RTK GPS.



## **APPENDIX 1**

### **Survey Layout – Plan View**





**NOTES:**

1. BACKGROUND IMAGERY REPRODUCED FROM 2010 USGS PARISH-WIDE AERIAL PHOTOGRAPHY.

SCALE IN FEET

3000 1500 0' 3000

REV.	DATE	DESCRIPTION	BY



**T. BAKER SMITH**  
PROFESSIONAL CONSULTANTS SINCE 1973  
(504) 385-1800 www.tbsmith.com

**COASTAL PROTECTION AND RESTORATION AUTHORITY**  
450 LAUREL STREET  
BATON ROUGE, LOUISIANA 70801

DRAWN BY: JMC

DESIGNED BY: BJK

Mississippi River Long Distance Sediment Pipeline Project	SURVEY LAYOUT APPENDIX 1
STATE PROJECT NUMBER:	
FEDERAL PROJECT NUMBER: BA-43EB	DATE: 1 DEC 2011
APPROVED BY: BJK	SHEET 1 OF 1



## **APPENDIX 2**

### **Survey Benchmark Datasheets**



**VICINITY MAP** Not to Scale

Reproduced from Louisiana 2005 DOQQ

## Station Name: "BA41-SM01"

**Location:** Located in Jefferson Parish, Louisiana, approximately 1.3 miles southeasterly from the boat launch on Bayou Barataria at the end of Jean Lafitte Blvd. south of Lafitte, Louisiana and is on the east bank of Bayou Barataria immediately north of the cut into the pen. The Monument is located 16.8 feet northeast of a Texaco Pipeline Sign and 26.5 feet northeast of a creosote post with PK Nail in the center. Permission is required for Right of entry from Webb-Milling. Prior to entry, please contact Skip Haller at (228) 832-7878 or (228) 324-6490.

**Monument Description:** NGS Style floating sleeve monument; 9/16" stainless steel rods driven 60 feet to refusal, set in a sand filled 6" PVC pipe with access cover set flush with the ground.

**Stamping:** BA41-SM-01

**Installation Date:** 2006 **Date of Survey:** November 2006

**Monument Established By:** JCLS

**For:** JCLS

**Adjusted NAD83 Geodetic Position (NSRS2007)**

Lat. 29°38'36.00226" N

Long. 090°05'44.42219" W

**Adjusted NAD83 Datum LSZ (1702) Ft (NSRS2007)**

N= 417,912.61

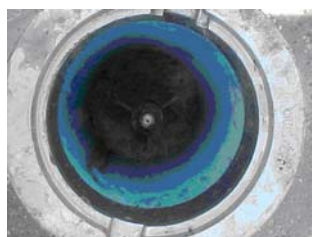
E= 3,673,985.63

**Adjusted NAVD88 Height (2006.81)**

Elevation = 4.22 feet (1.286 mtrs)

*Ellipsoid Height = -23.820 mtrs.*

*Geoid03 Height = -25.106 mtrs. (2004.65)*





**VICINITY MAP** Not to Scale

Reproduced from Louisiana 2005 DOQQ

## Station Name: "BA23 SM 02"

**Location:** Located approximately 3.3 miles south of the Lafitte Harbor Marina in Lafitte, Louisiana, behind rocks along west top bank of the Barataria Waterway at Dupre Cut. Permission is required for Right of entry from Webb-Milling. Prior to entry, please contact Skip Haller at (228) 832-7878 or (228) 324-6490.

**Monument Description:** NGS style floating sleeve monument; datum point set on 9/16" stainless steel sectional rods driven to refusal, set in sand filled 6" PVC pipe with access cover set in concrete, flush with ground.

**Stamping:** BA23-SSM-02

**Installation Date:** 2002 **Date of Survey:** November 2006

**Monument Established By:** Pyburn & Odom

**For:** CPRA, OCPR

### **Adjusted NAD83 Geodetic Position (NSRS2007)**

Lat. 29°36'14.88294" N

Long. 090°04'31.51557" W

### **Adjusted NAD83 Datum LSZ (1702) Ft (NSRS2007)**

N= 403,728.57

E= 3,680,575.00

### **Adjusted NAVD88 Height (2006.81)**

Elevation = 3.89 feet (1.187 mtrs)

*Ellipsoid Height = -23.791 mtrs.*

*Geoid03 Height = -24.978 mtrs. (2004.65)*

### **FOR REFERENCE ONLY**

#### **LCZ Adjusted NAVD88 Height (Geoid99)**

Elevation = 4.62 feet (1.409 mtrs)







**VICINITY MAP** Not to Scale

Reproduced from Louisiana 2005 DOQQ

**Station Name: "BA03C SM 02"**

**Location:** From La Highway 23 at St. Rosalie, Louisiana, which is located just south of oil storage tanks at Alliance, Louisiana proceed west on West Ravenna Road for approximately 2 miles to the monument on the right.

**Monument Description:** NGS style floating sleeve monument; datum point set on 9/16" stainless steel sectional rods driven 48 feet to refusal, set in sand filled 6" PVC pipe with access cover set in concrete, flush with ground.

**Stamping:** BA03C-SM-02

**Installation Date:** 2002 **Date of Survey:** February 2003

**Monument Established By:** JCLS

**For:** CPRA, OCPR

**Adjusted NAD83 Geodetic Position (NSRS2007)**

Lat. 29°39'28.68864" N

Long. 090°00'33.42327" W

**Adjusted NAD83 Datum LSZ (1702) Ft (NSRS2007)**

N= 423,541.04

E= 3,701,364.95

**Adjusted NAVD88 Height (2006.81)**

Elevation = -1.43 feet (-0.437 mtrs)

*Ellipsoid Height = -25.531 mtrs.*

*Geoid03 Height = -25.094 mtrs. (2004.65)*

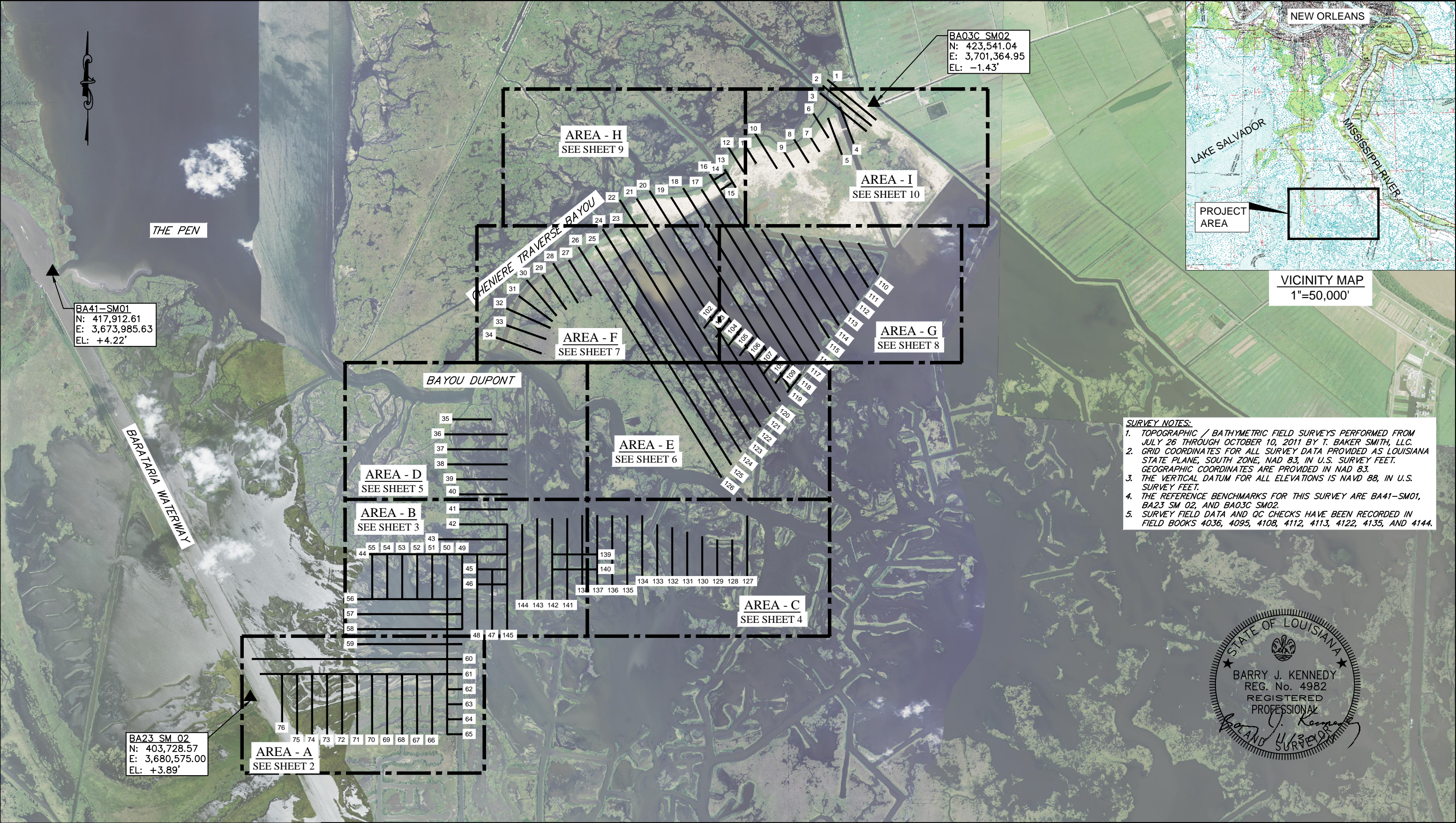
***FOR REFERENCE ONLY***

**LCZ Adjusted NAVD88 Height (Geoid99)**

*Elevation = -0.67 feet (-0.203 mtrs)*







**SURVEY NOTES:**

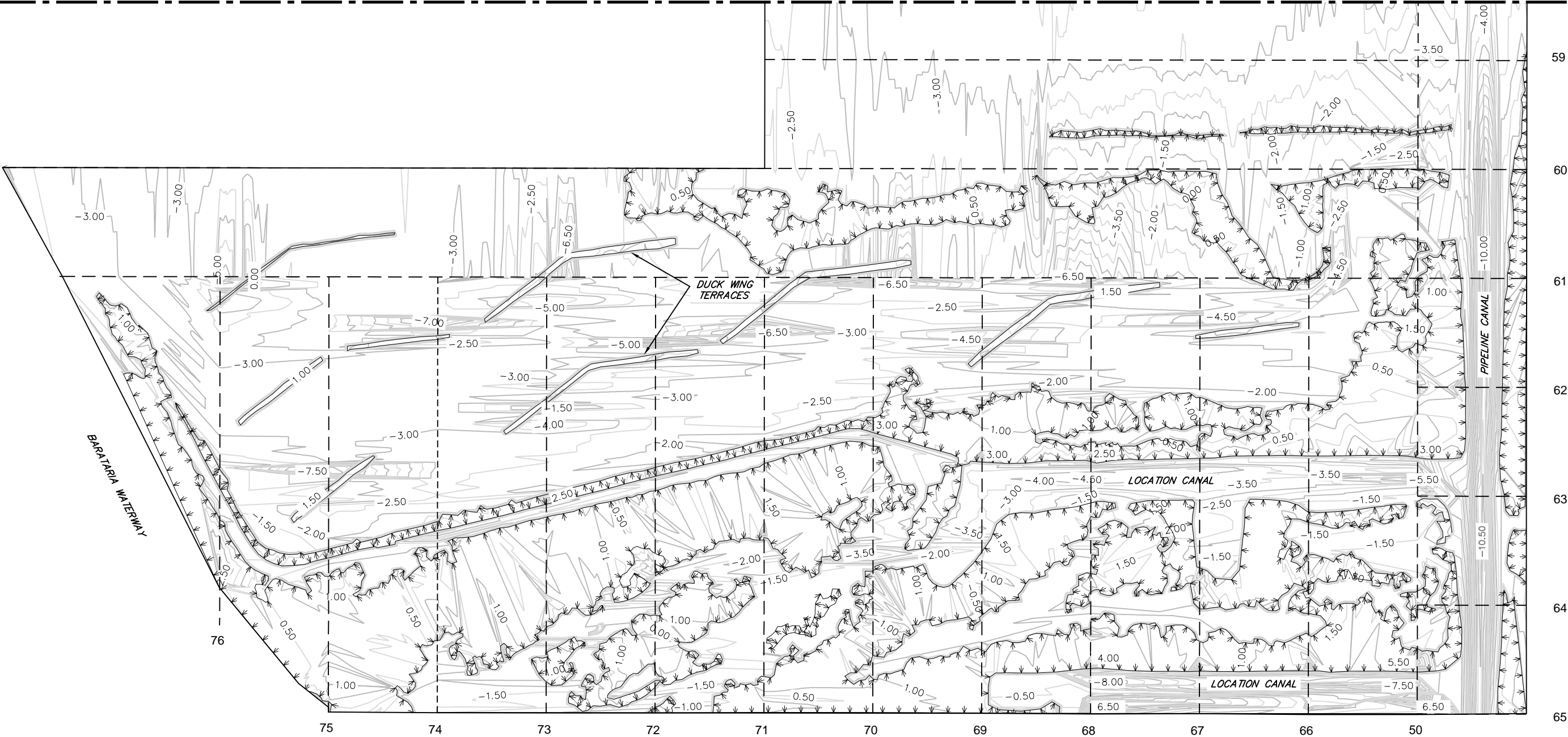
1. TOPOGRAPHIC / BATHYMETRIC FIELD SURVEYS PERFORMED FROM JULY 26 THROUGH OCTOBER 10, 2011 BY T. BAKER SMITH, LLC.
2. GRID COORDINATES FOR ALL SURVEY DATA PROVIDED AS LOUISIANA STATE PLANE, SOUTH ZONE, NAD 83, IN U.S. SURVEY FEET. GEOGRAPHIC COORDINATES ARE PROVIDED IN NAD 83.
3. THE VERTICAL DATUM FOR ALL ELEVATIONS IS NAVD 88, IN U.S. SURVEY FEET.
4. THE REFERENCE BENCHMARKS FOR THIS SURVEY ARE BA41-SM01, BA23 SM 02, AND BA03C SM02.
5. SURVEY FIELD DATA AND QC CHECKS HAVE BEEN RECORDED IN FIELD BOOKS 4036, 4095, 4108, 4112, 4113, 4122, 4135, AND 4144.



<div>NOTES:</div> <div>1. BACKGROUND IMAGERY REPRODUCED FROM 2010 USGS PARISH-WIDE AERIAL PHOTOGRAPHY.</div> <div>SCALE IN FEET</div> <div><div></div><div>300015000'3000</div></div>				<div><div><div></div><div>TBS</div></div><div>T. BAKER SMITH</div><div>PROFESSIONAL CONSULTANTS SINCE 1973</div><div>(504) 388-1888 www.tbsmith.com</div></div>	COASTAL PROTECTION AND RESTORATION AUTHORITY		Mississippi River Long Distance Sediment Pipeline Project		OVERALL MAP		
						STATE PROJECT NUMBER:		FEDERAL PROJECT NUMBER: BA-43EB		DATE: 1 DEC 2011	
						DRAWN BY: JMC		DESIGNED BY: BJK		APPROVED BY: BJK	SHEET 1 OF 45
REV.	DATE	DESCRIPTION	BY								

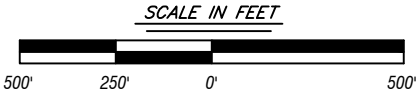


MATCHLINE: SEE SHEET 3



**NOTES:**  
1. SEE SHEET(S) 26 – 31 FOR  
TRANSECT PROFILES 59 – 76.

**LEGEND**  
--- MARSH BOUNDARY  
--- SURVEY TRANSECTS  
1.0' 0.5' CONTOURS  
--- AREA BOUNDARY

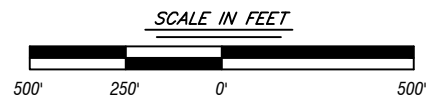
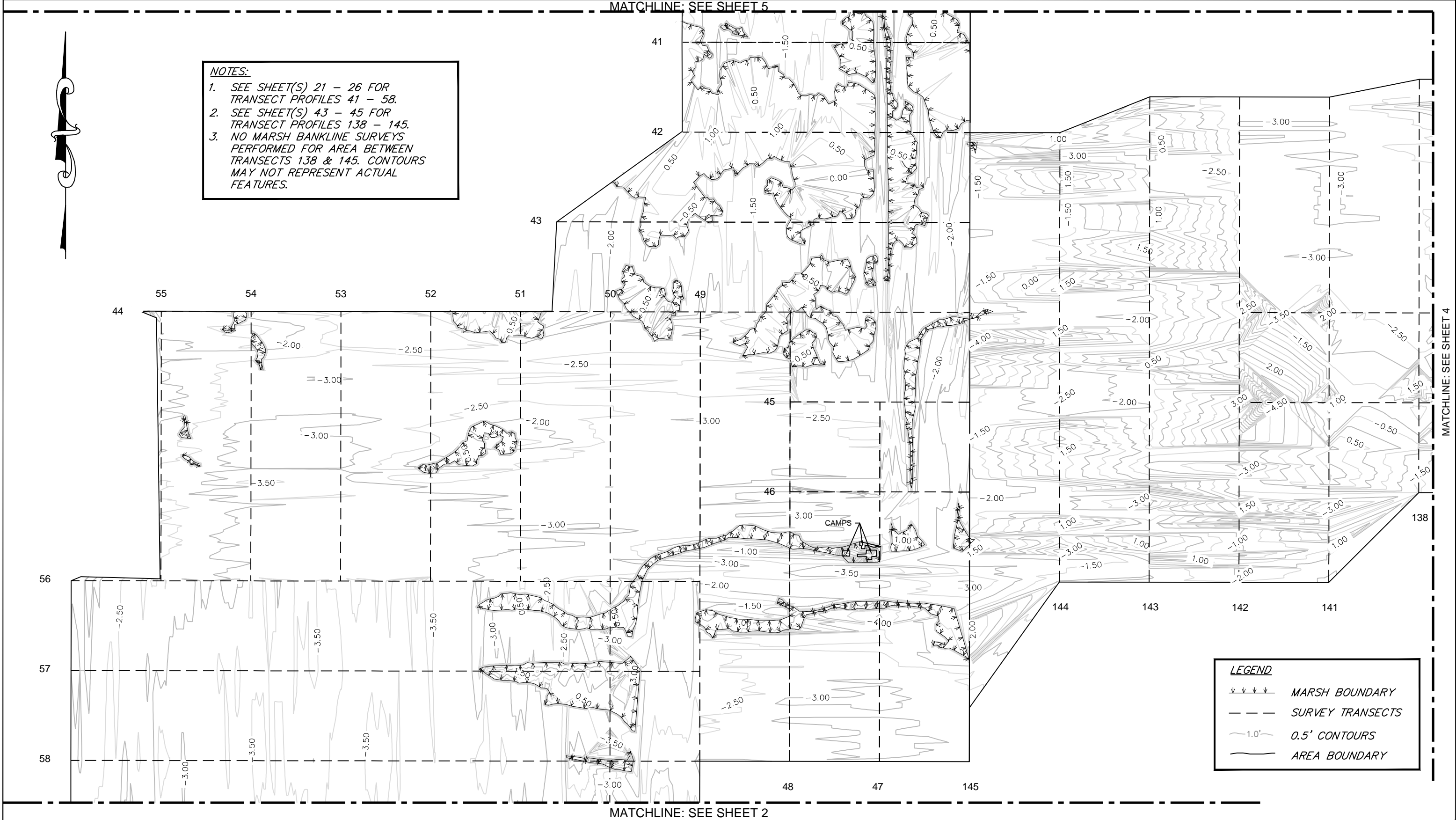


REV.	DATE	DESCRIPTION	BY



COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801		Mississippi River Long Distance Sediment Pipeline Project		AREA A SURFACE CONTOURS
		STATE PROJECT NUMBER:		
				FEDERAL PROJECT NUMBER: BA-43EB
DRAWN BY: KMB	DESIGNED BY: BJK	APPROVED BY: BJK		SHEET 2 OF 45





REV.	DATE	DESCRIPTION	BY



COASTAL PROTECTION AND RESTORATION AUTHORITY

450 LAUREL STREET  
BATON ROUGE, LOUISIANA 70801

DRAWN BY: KMB

DESIGNED BY: BJK

Mississippi River Long Distance  
Sediment Pipeline Project

STATE PROJECT NUMBER:

FEDERAL PROJECT NUMBER: BA-43EB

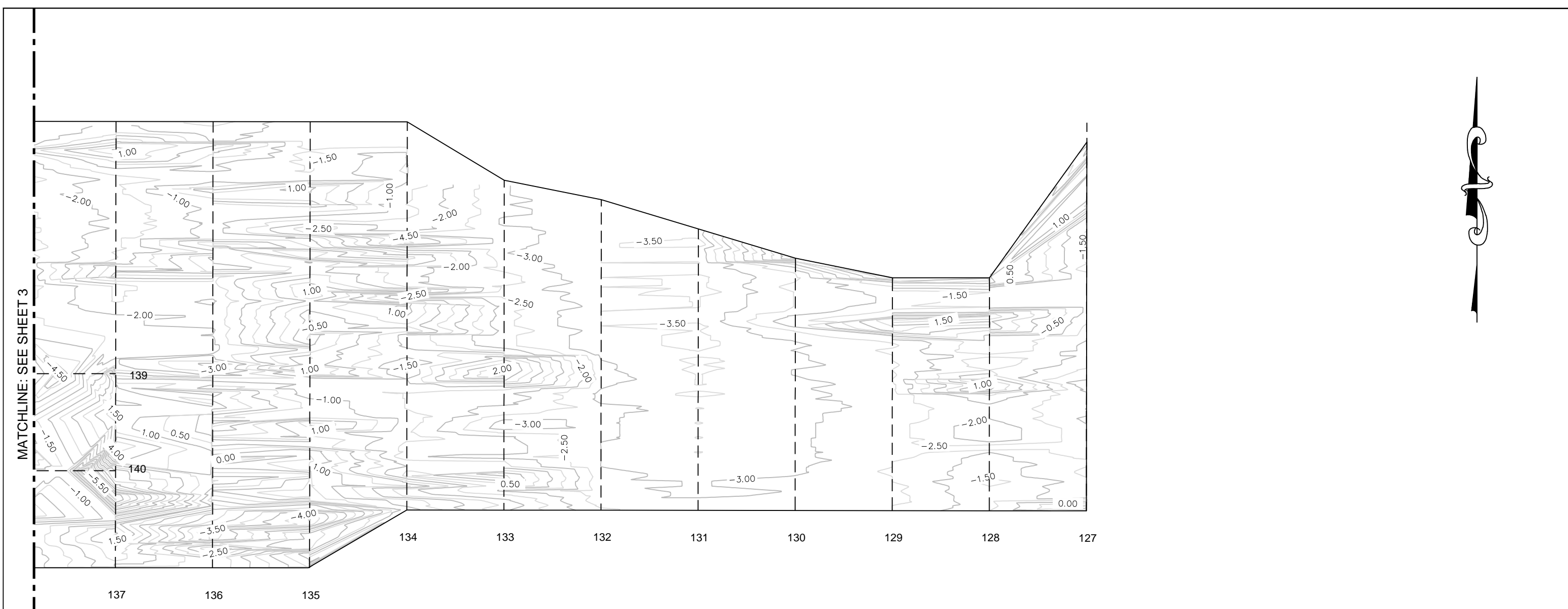
APPROVED BY: BJK

AREA B  
SURFACE CONTOURS

DATE: 1 DEC 2011

SHEET 3 OF 45

MATCHLINE: SEE SHEET 3



**NOTES:**

- SEE SHEET(S) 41 - 43 FOR TRANSECT PROFILES 127 - 137.
- NO MARSH BANKLINE SURVEYS PERFORMED FOR AREA BETWEEN TRANSECTS 127 & 137. CONTOURS MAY NOT REPRESENT ACTUAL FEATURES.

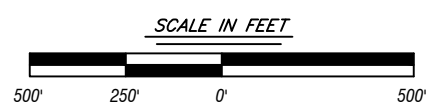
**LEGEND**


--- MARSH BOUNDARY

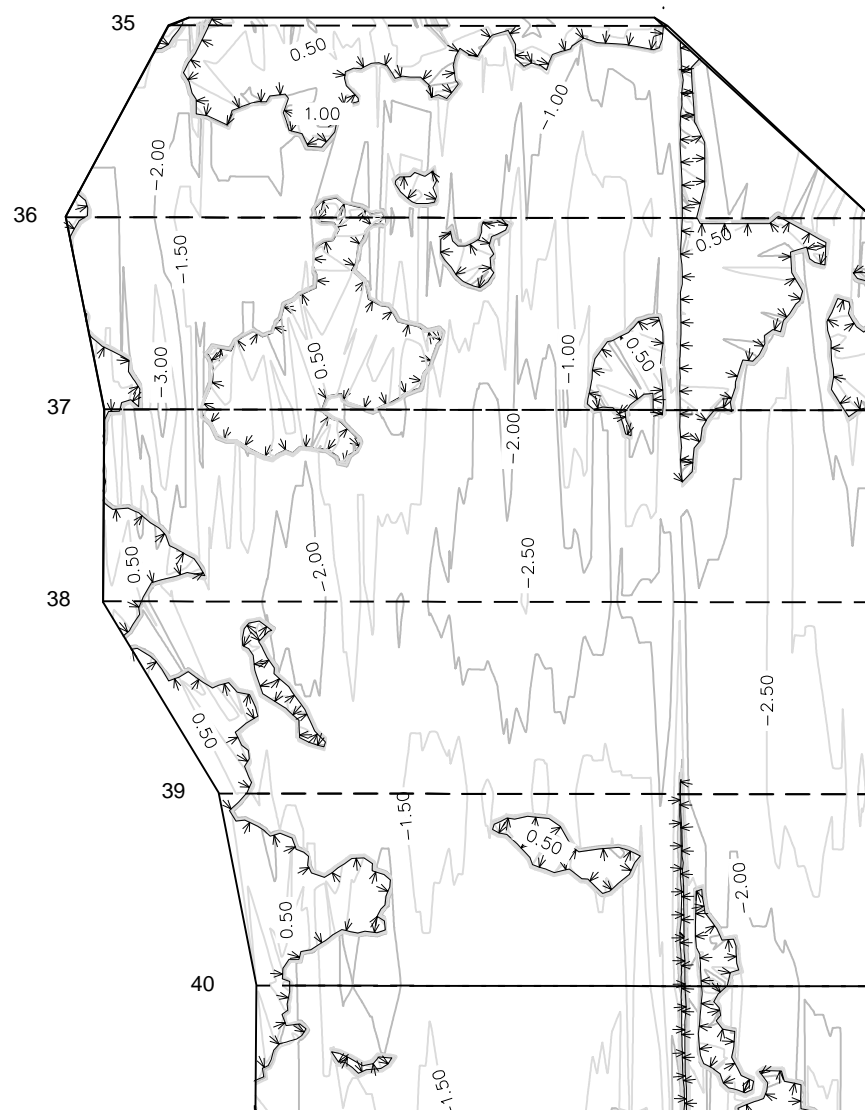
--- SURVEY TRANSECTS

~1.0'~ 0.5' CONTOURS

--- AREA BOUNDARY



					COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801		Mississippi River Long Distance Sediment Pipeline Project		AREA C SURFACE CONTOURS	
							STATE PROJECT NUMBER:			
							FEDERAL PROJECT NUMBER: BA-43EB			DATE: 1 DEC 2011
REV.	DATE	DESCRIPTION	BY		DRAWN BY: KMB		DESIGNED BY: BJK	APPROVED BY: BJK		SHEET 4 OF 45



**NOTES:**  
1. SEE SHEET(S) 19 – 20 FOR  
TRANSECT PROFILES 35 – 40.

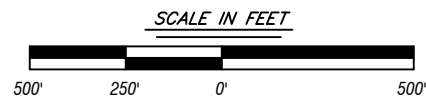
**LEGEND**

↯↯↯↯ MARSH BOUNDARY

— — — SURVEY TRANSECTS

~1.0'~ 0.5' CONTOURS

———— AREA BOUNDARY



REV.	DATE	DESCRIPTION	BY



COASTAL PROTECTION AND  
RESTORATION AUTHORITY

450 LAUREL STREET  
BATON ROUGE, LOUISIANA 70801

DRAWN BY: KMB

DESIGNED BY: BJK

Mississippi River Long Distance  
Sediment Pipeline Project

STATE PROJECT NUMBER:

FEDERAL PROJECT NUMBER: BA-43EB

APPROVED BY: BJK

AREA D  
SURFACE CONTOURS

DATE: 1 DEC 2011

SHEET 5 OF 45



MATCHLINE: SEE SHEET 8



SHEET 6 OF 45

**NOTES:**  
1. SEE SHEET(S) 16-19 FOR  
TRANSECT PROFILES 21-34.  
2. SEE SHEET(S) 36-40 FOR  
TRANSECT PROFILES 118-126.

**LEGEND**

- MARSH BOUNDARY  
--- SURVEY TRANSECTS  
-1.0'- 0.5' CONTOURS  
--- AREA BOUNDARY



MATCHLINE: SEE SHEET 9

24

23

22

21

118

119

120

121

122

123

124

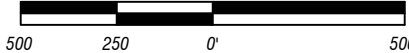
125

126

MATCHLINE: SEE SHEET 8

MATCHLINE: SEE SHEET 6

SCALE IN FEET



REV.	DATE	DESCRIPTION	BY



**COASTAL PROTECTION AND  
RESTORATION AUTHORITY**

450 LAUREL STREET  
BATON ROUGE, LOUISIANA 70801

DRAWN BY: KMB

DESIGNED BY: BJK

Mississippi River Long Distance  
Sediment Pipeline Project

STATE PROJECT NUMBER:

FEDERAL PROJECT NUMBER: BA-43EB

APPROVED BY: BJK

AREA F  
SURFACE CONTOURS

DATE: 1 DEC 2011

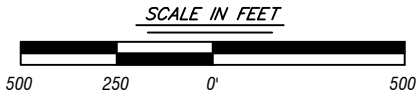
SHEET 7 OF 45





**NOTES:**  
1. SEE SHEET(S) 32-33 FOR  
TRANSECT PROFILES 102-106.  
2. SEE SHEET(S) 34-38 FOR  
TRANSECT PROFILES 110-121.

**LEGEND**  
▼▼▼▼ MARSH BOUNDARY  
--- SURVEY TRANSECTS  
~ 1.0' 0.5' CONTOURS  
— AREA BOUNDARY



REV.	DATE	DESCRIPTION	BY



COASTAL PROTECTION AND  
RESTORATION AUTHORITY

450 LAUREL STREET  
BATON ROUGE, LOUISIANA 70801

DRAWN BY: KMB

DESIGNED BY: BJK

Mississippi River Long Distance  
Sediment Pipeline Project

STATE PROJECT NUMBER:

FEDERAL PROJECT NUMBER: BA-43EB

APPROVED BY: BJK

AREA G  
SURFACE CONTOURS

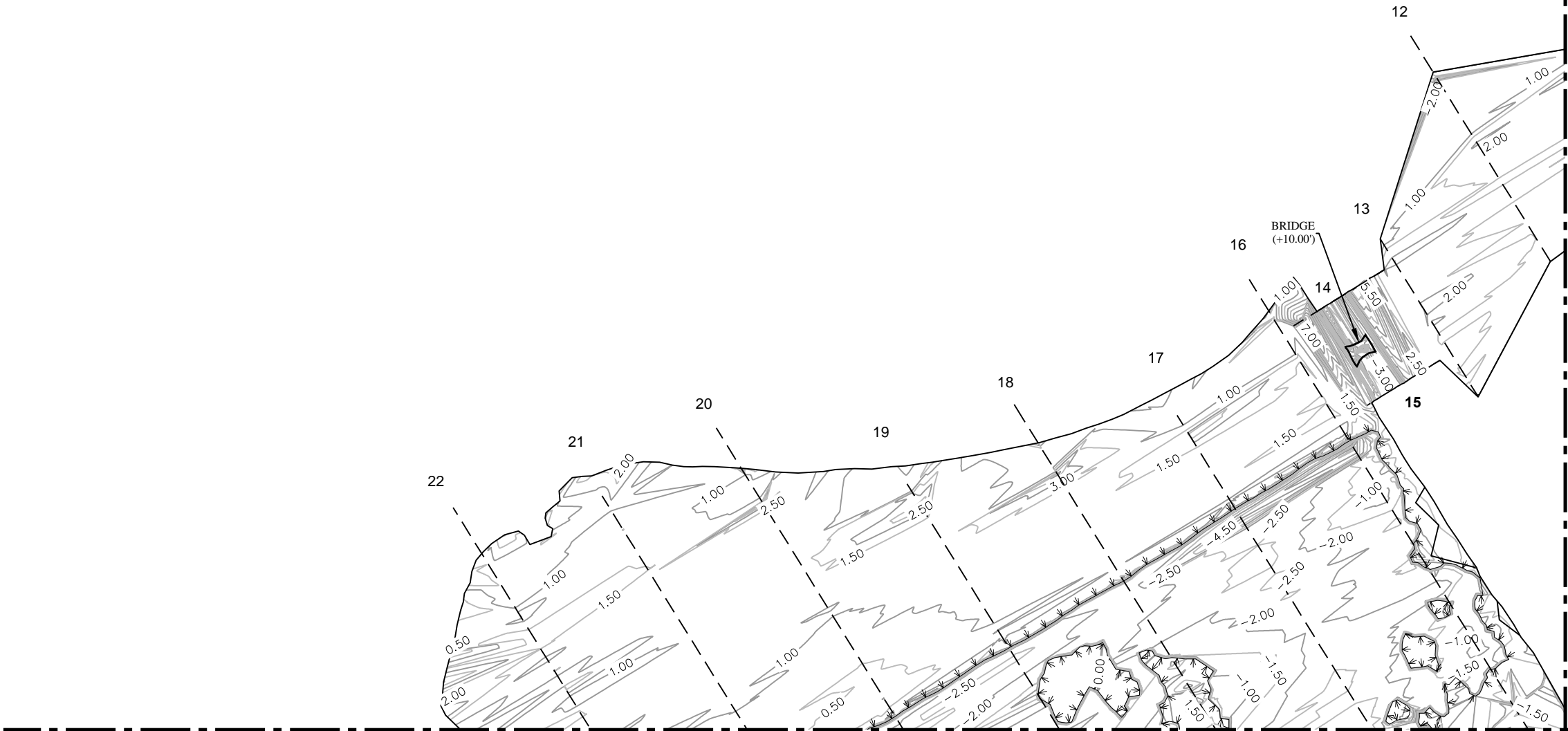
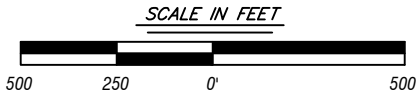
DATE: 1 DEC 2011

SHEET 8 OF 45



**NOTES:**  
1. SEE SHEET(S) 13-16 FOR  
TRANSECT PROFILES 12-22

- LEGEND**
- MARSH BOUNDARY
  - SURVEY TRANSECTS
  - 0.5' CONTOURS
  - AREA BOUNDARY



MATCHLINE: SEE SHEET 7

MATCHLINE: SEE SHEET 10

REV.	DATE	DESCRIPTION	BY



COASTAL PROTECTION AND  
RESTORATION AUTHORITY

450 LAUREL STREET  
BATON ROUGE, LOUISIANA 70801

DRAWN BY: KMB

DESIGNED BY: BJK

Mississippi River Long Distance  
Sediment Pipeline Project

STATE PROJECT NUMBER:

FEDERAL PROJECT NUMBER: BA-43EB

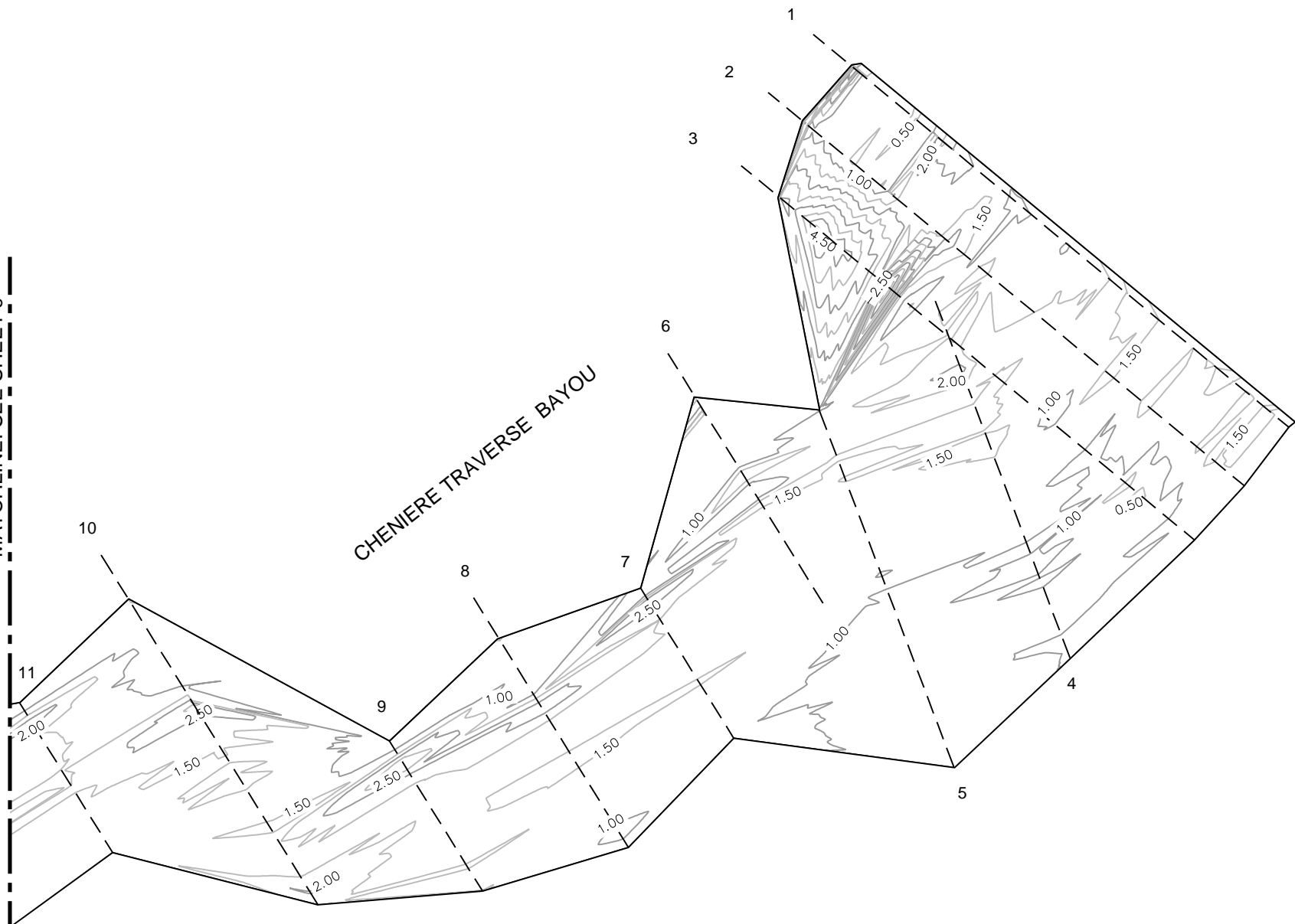
APPROVED BY: BJK

AREA H  
SURACE CONTOURS

DATE: 1 DEC 2011

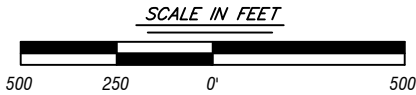
SHEET 9 OF 45

MATCHLINE: SEE SHEET 9



**NOTES:**  
1. SEE SHEET(S) 11-13 FOR  
TRANSECT PROFILES 1-11.

**LEGEND**  
↓ ↓ ↓ ↓ MARSH BOUNDARY  
- - - SURVEY TRANSECTS  
~ 1.0' ~ 0.5' CONTOURS  
— AREA BOUNDARY



REV.	DATE	DESCRIPTION	BY



COASTAL PROTECTION AND  
RESTORATION AUTHORITY  
450 LAUREL STREET  
BATON ROUGE, LOUISIANA 70801

DRAWN BY: KMB

DESIGNED BY: BJK

Mississippi River Long Distance  
Sediment Pipeline Project

STATE PROJECT NUMBER:

FEDERAL PROJECT NUMBER: BA-43EB

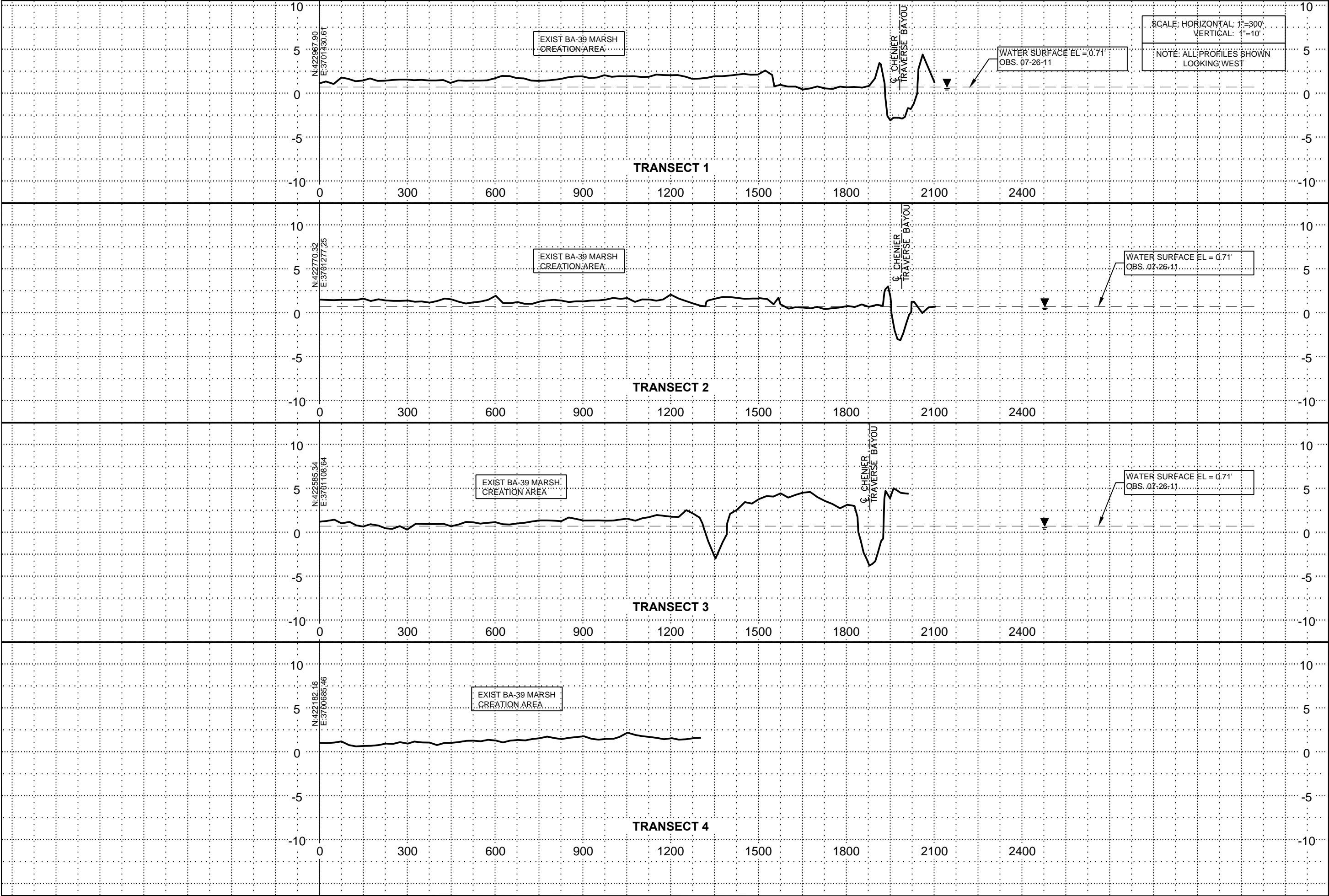
APPROVED BY: BJK

AREA I  
SURFACE CONTOURS

DATE: 1 DEC 2011

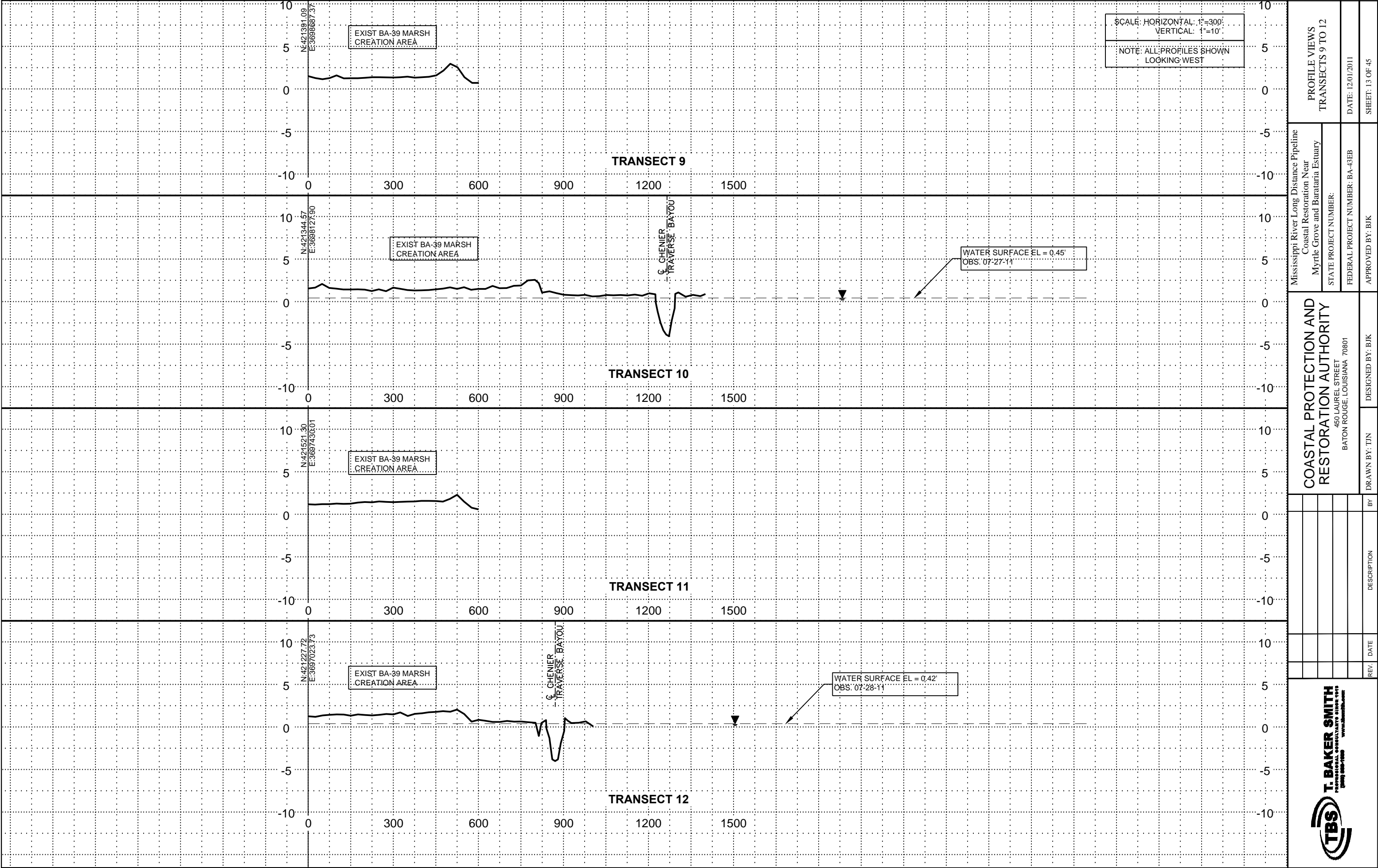
SHEET 10 OF 45





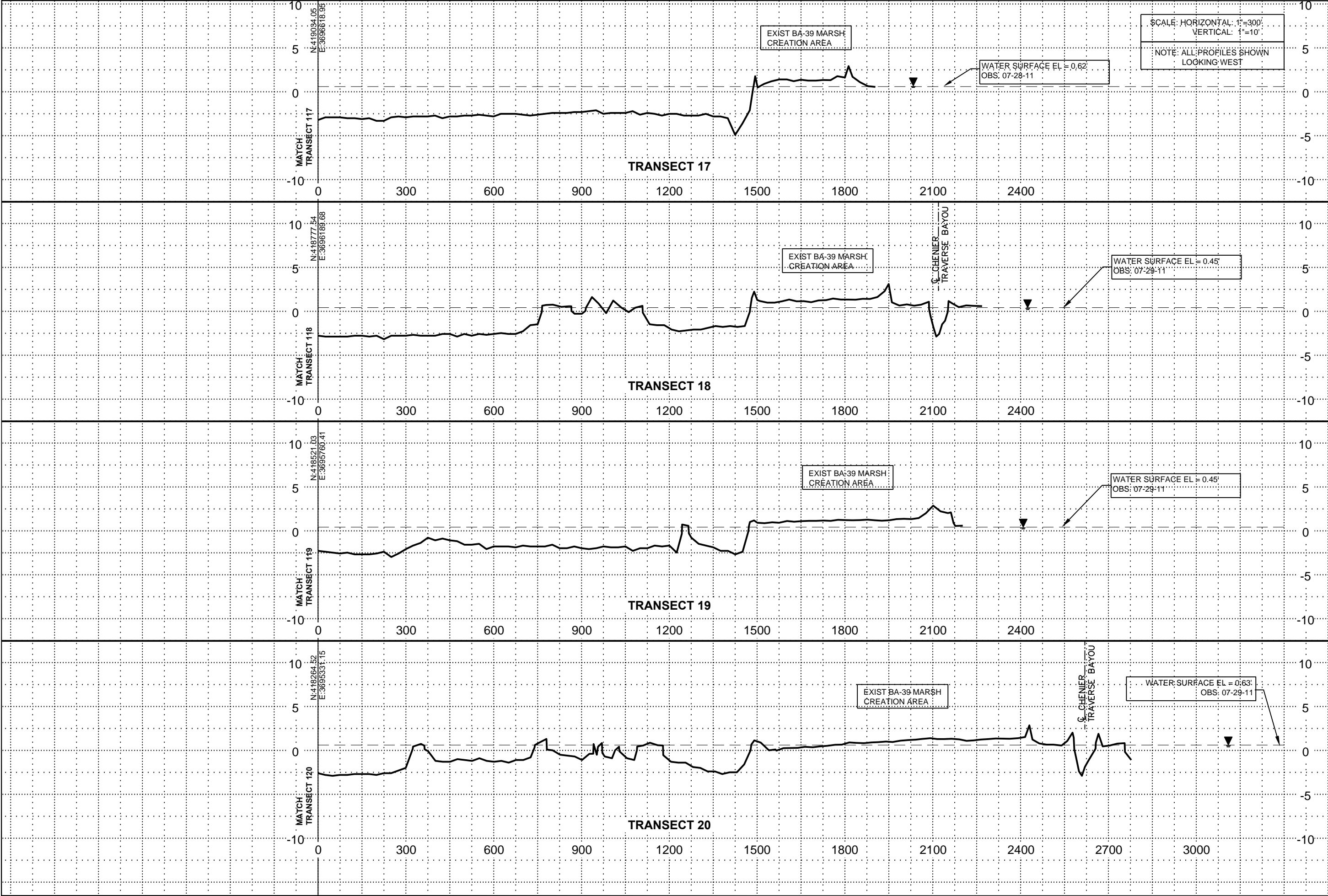
<div><div><b>T. BAKER SMITH</b> PROFESSIONAL CONSULTANTS SINCE 1975 504-782-7600 www.tbakermc.com</div></div>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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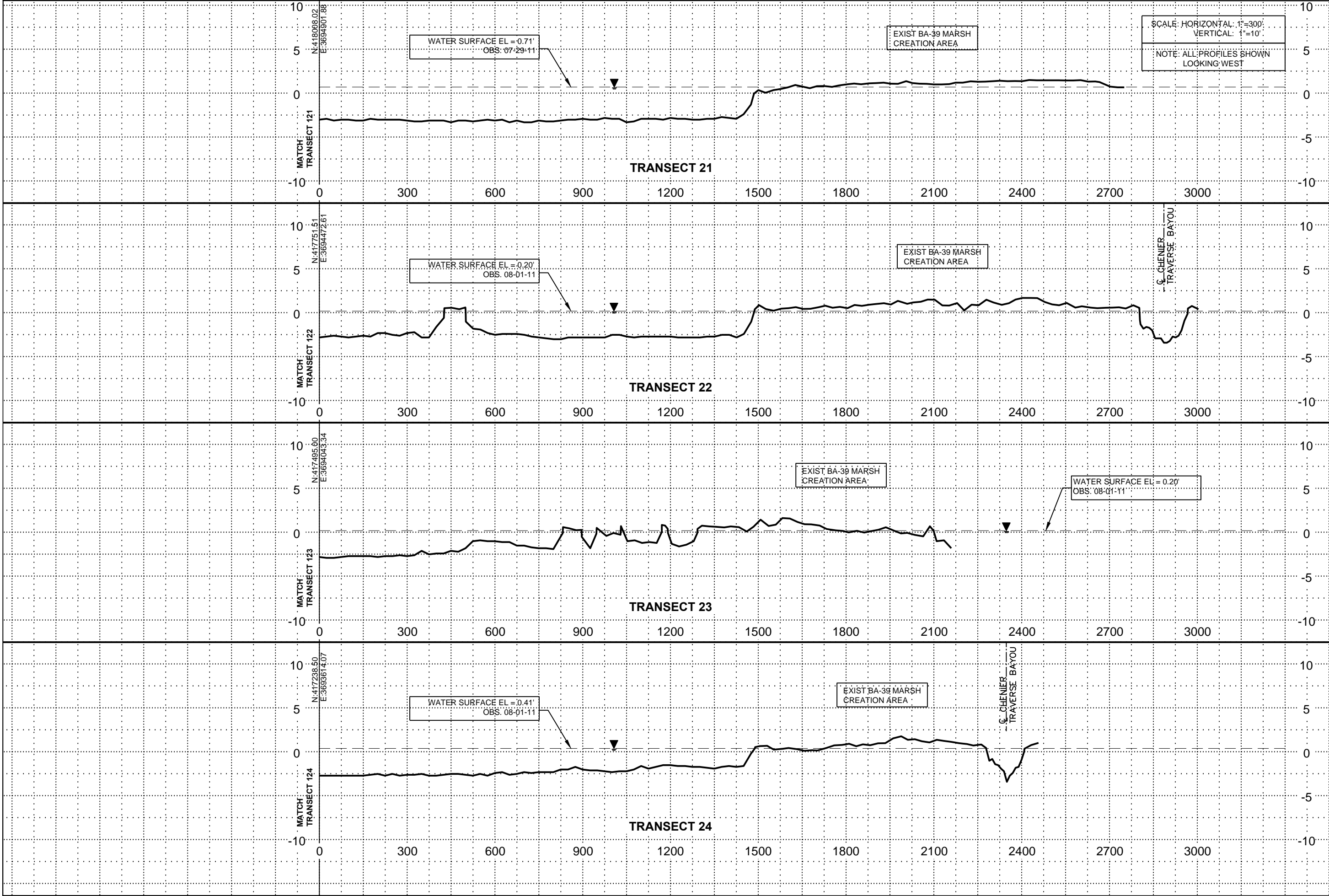



 <b>T. BAKER SMITH</b> PROFESSIONAL CONSULTANTS SINCE 1958 504-285-7600 <a href="http://www.tbakermc.com">www.tbakermc.com</a>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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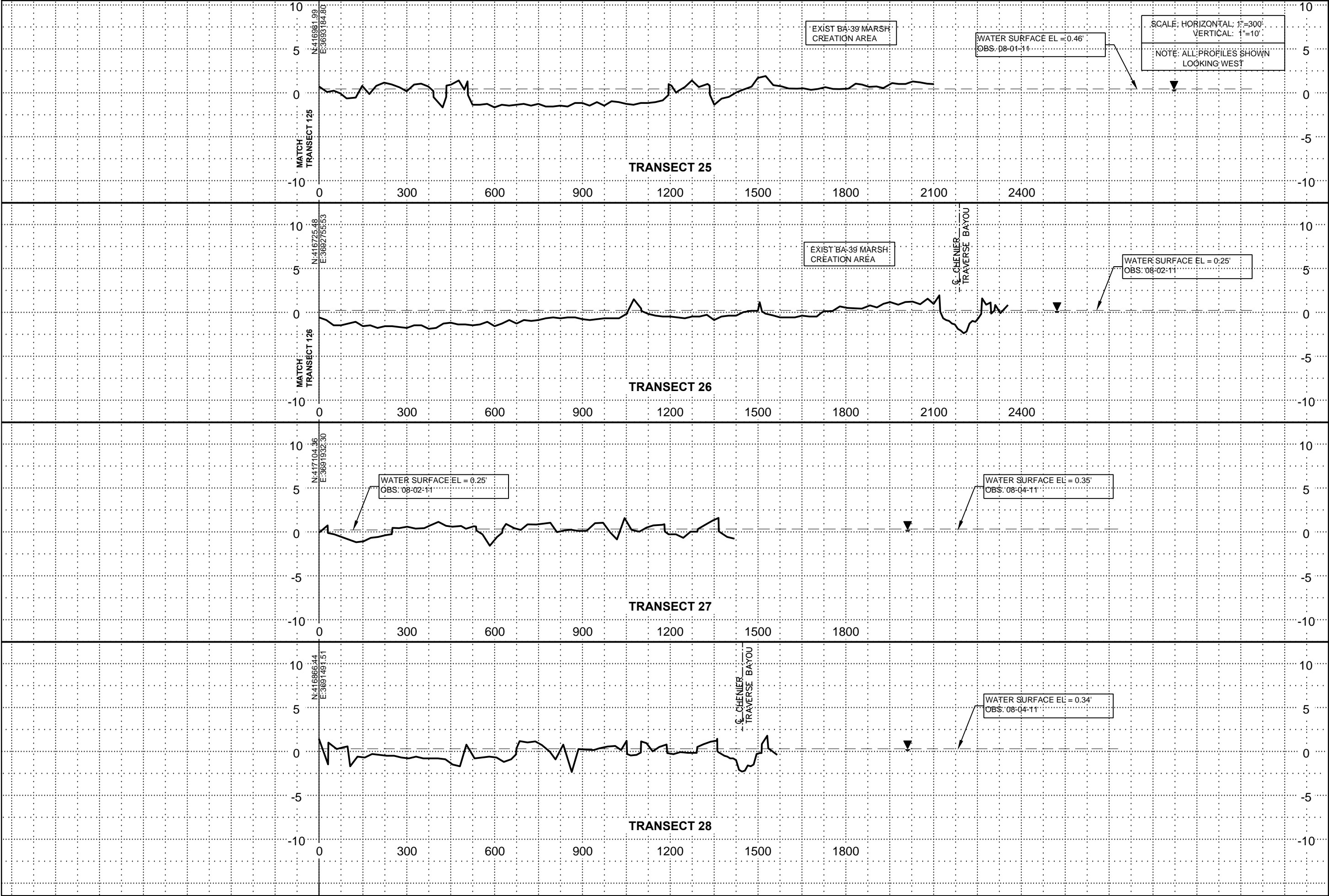





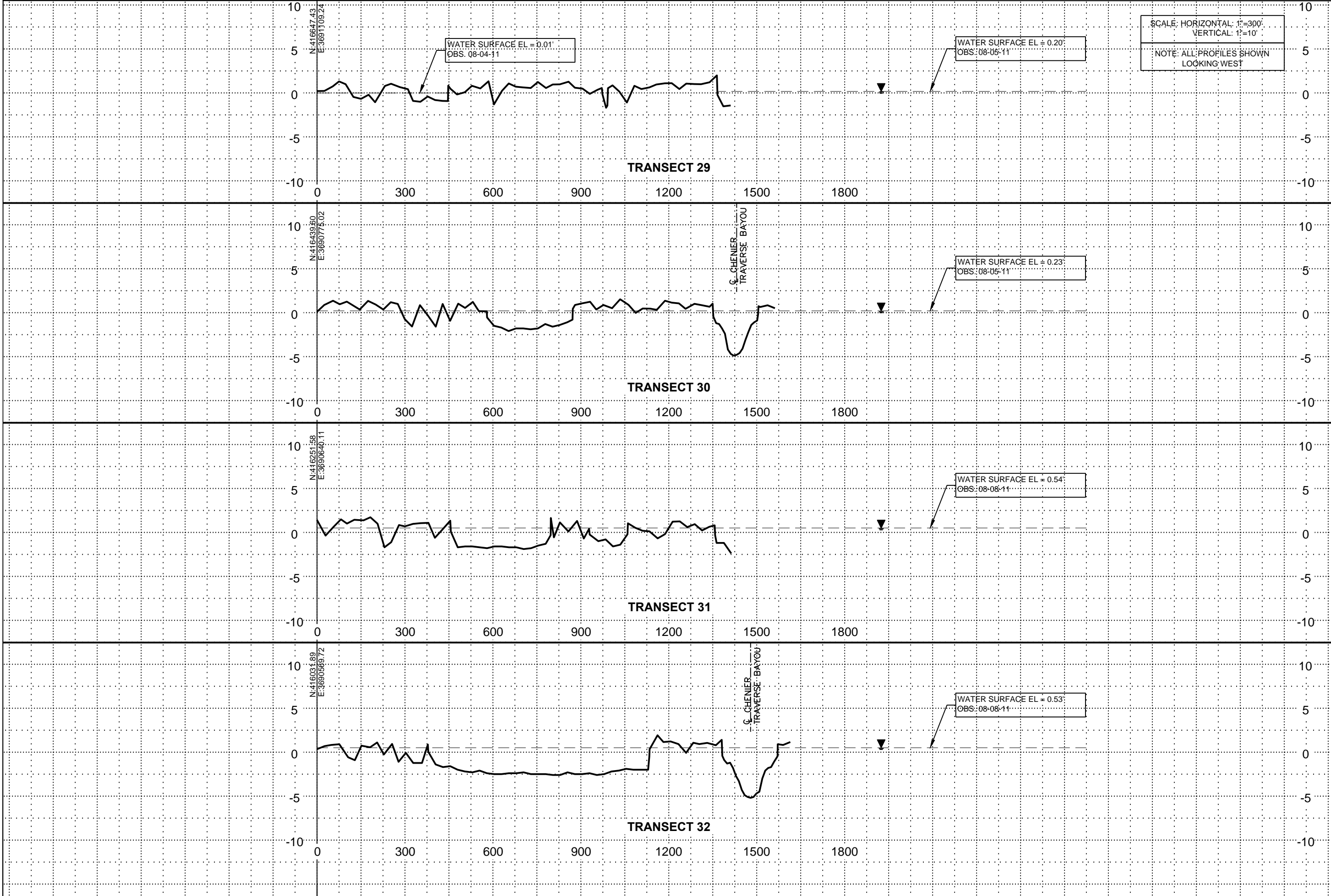
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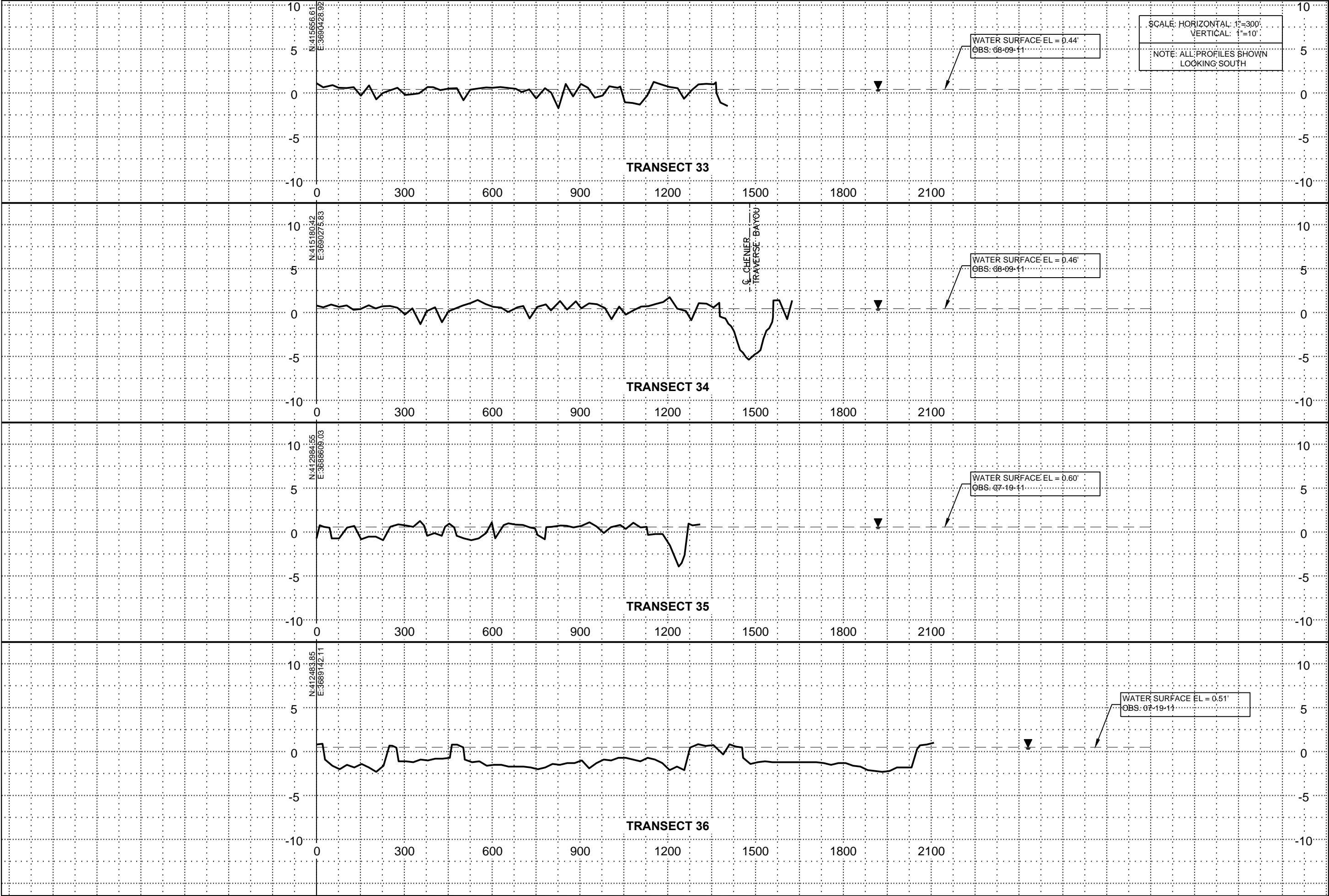



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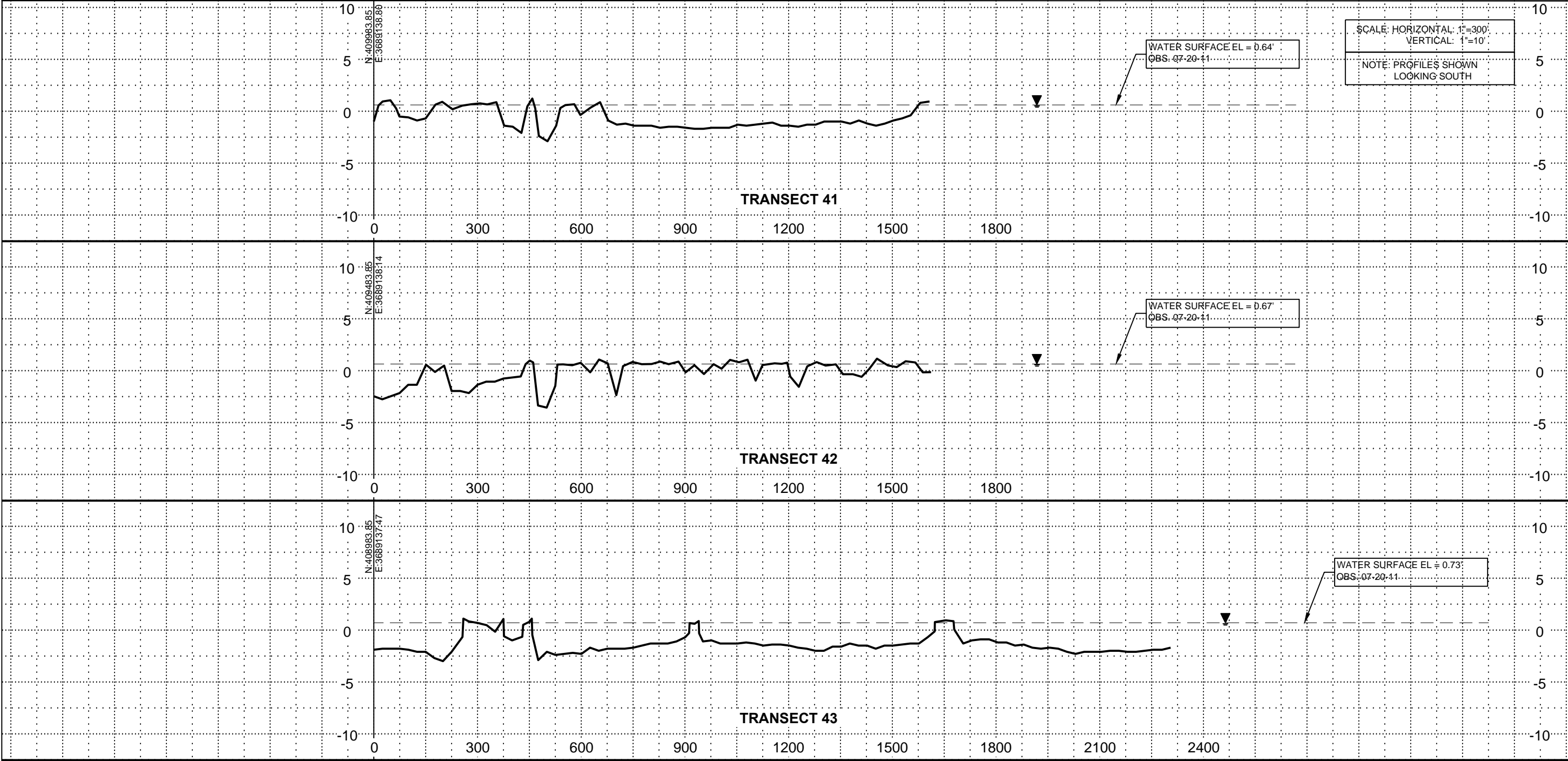
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<div><div><b>T. BAKER SMITH</b> PROFESSIONAL CONSULTANTS SINCE 1985 800-688-7668 <a href="http://www.tbakermc.com">www.tbakermc.com</a></div></div>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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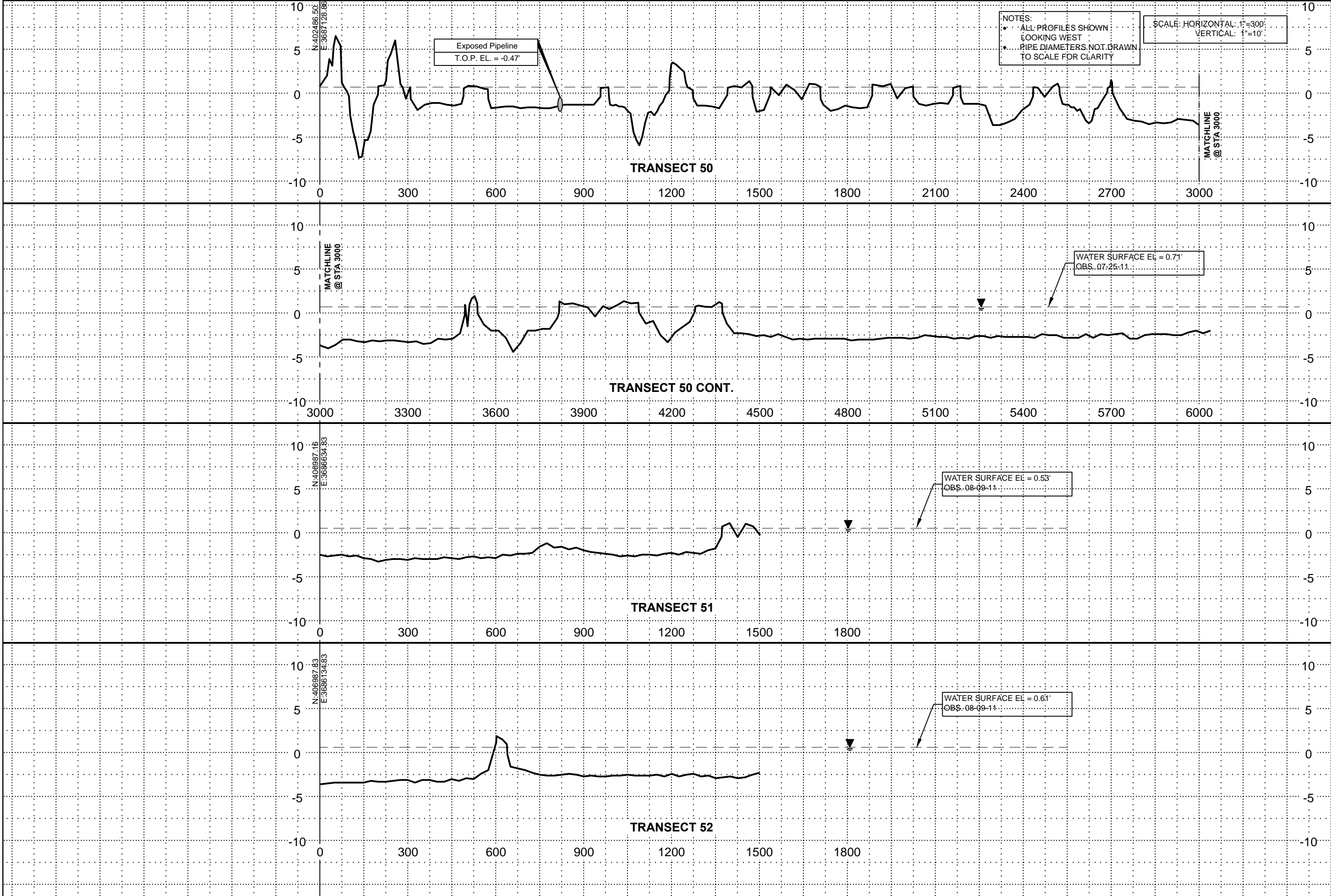




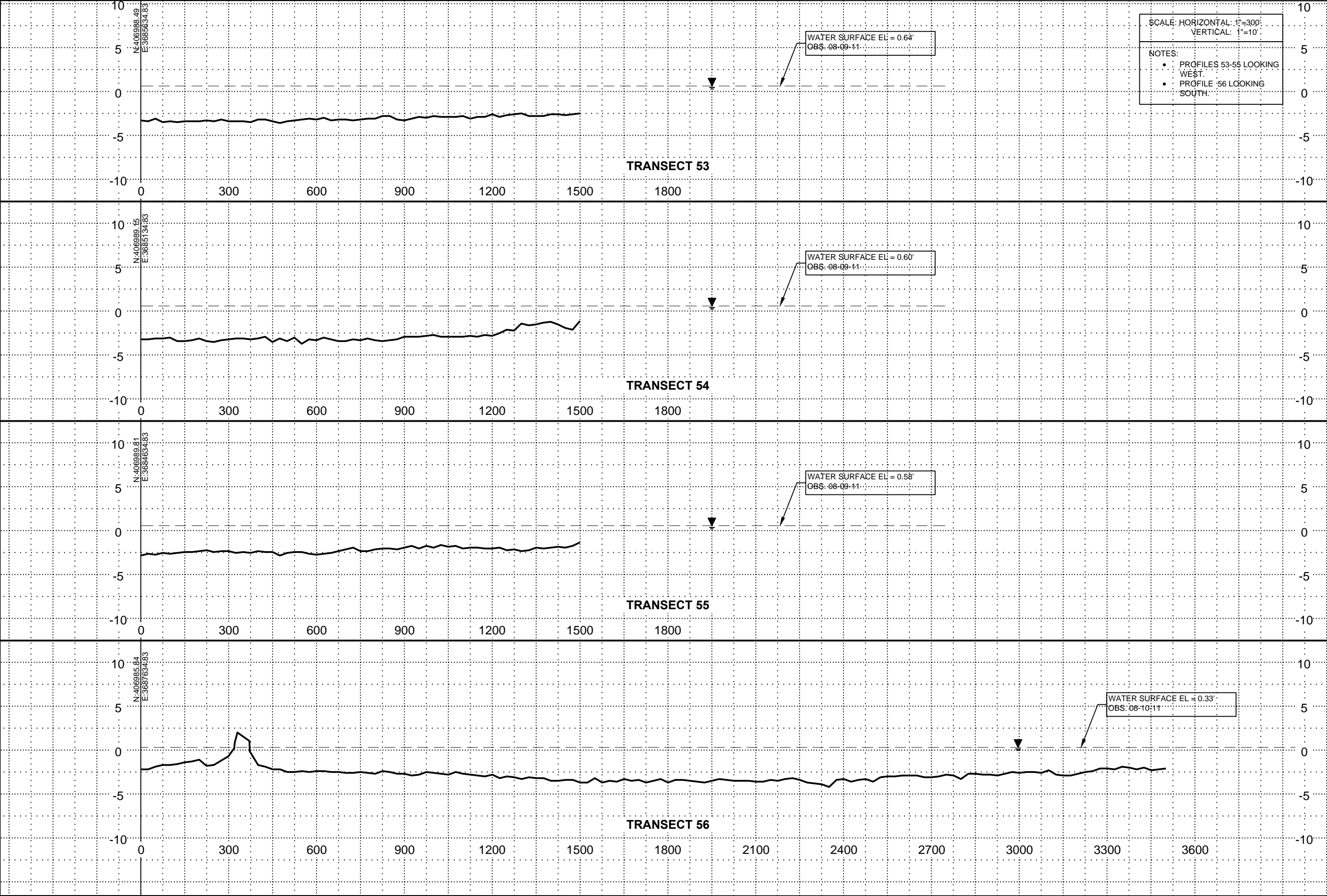
PROFILE VIEWS TRANSECTS 41 TO 43		Mississippi River Long Distance Pipeline Coastal Restoration Near Myrtle Grove and Barataria Estuary		DATE: 12/01/2011	SHEET: 21 OF 45
COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801		STATE PROJECT NUMBER: FEDERAL PROJECT NUMBER: BA-43EB		APPROVED BY: BJK	
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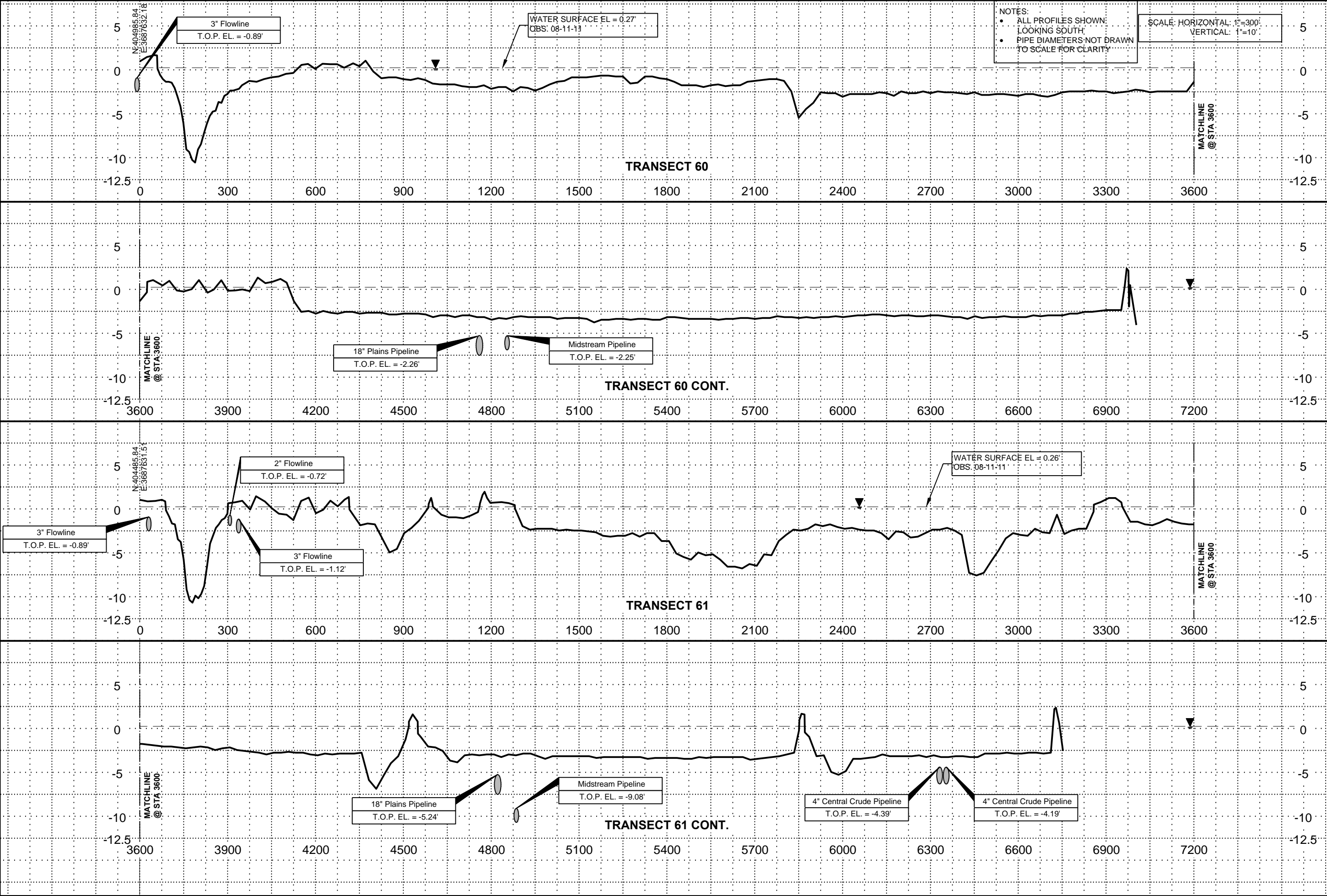
 <b>T. BAKER SMITH</b> PROFESSIONAL CONSULTANTS SINCE 1952 509 Poydras Street, Suite 2000 New Orleans, LA 70112 www.tbakermc.com	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801		Mississippi River Long Distance Pipeline Coastal Restoration Near Myrtle Grove and Barataria Estuary		PROFILE VIEWS TRANSECTS 50 TO 52
	REV	DATE	BY	DESCRIPTION	APPROVED BY: BJK DESIGNED BY: BJK DRAWN BY: TJN
FEDERAL PROJECT NUMBER: BA-43EB DATE: 12/01/2011					SHEET: 24 OF 45




 <b>T. BAKER SMITH</b> PROFESSIONAL CONSULTANTS SINCE 1955 504-686-1500 <a href="http://www.tbakermc.com">www.tbakermc.com</a>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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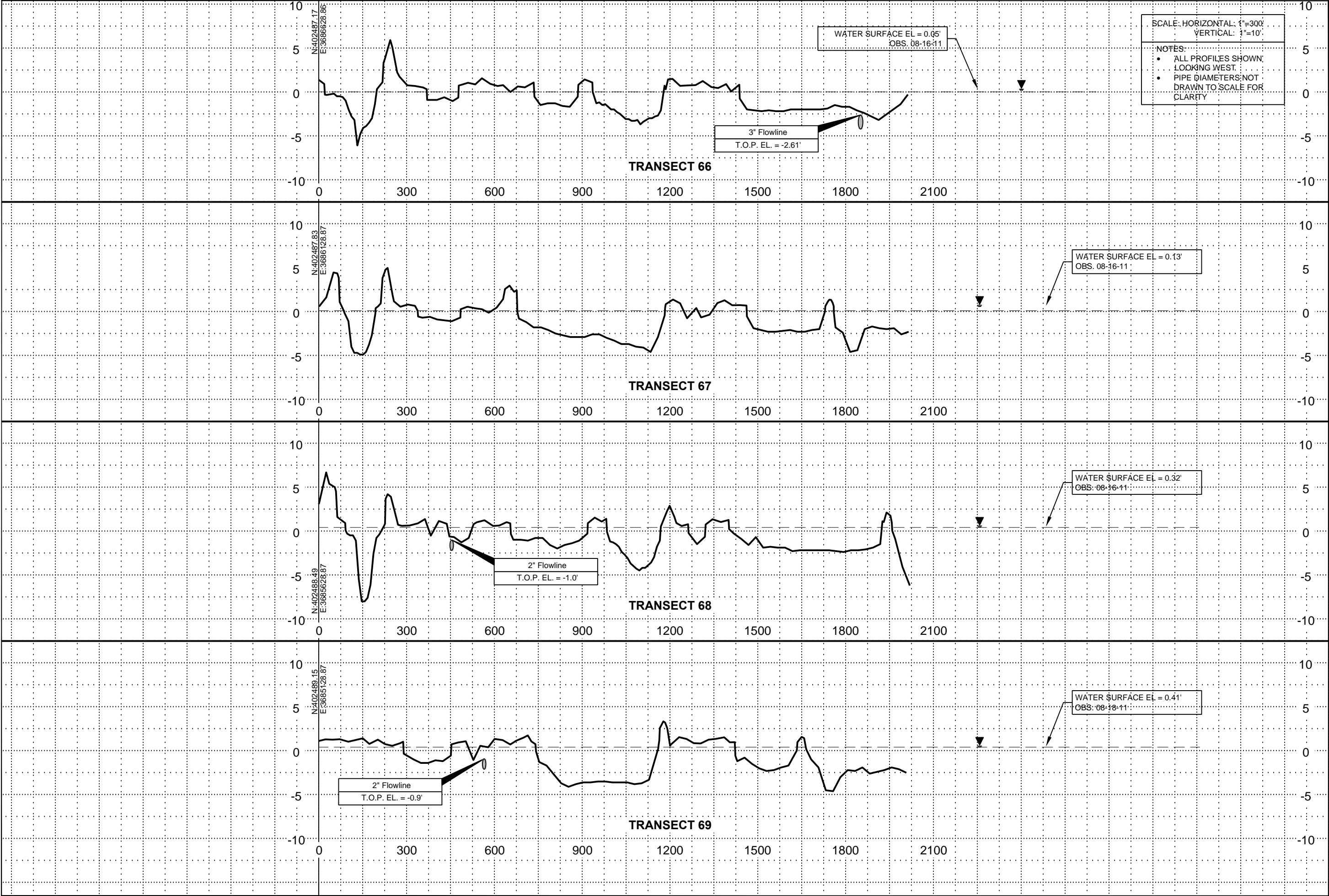






<div><div><b>T. BAKER SMITH</b> PROFESSIONAL CONSULTANTS SINCE 1958 504-785-7600 <a href="http://www.tbakermc.com">www.tbakermc.com</a></div></div>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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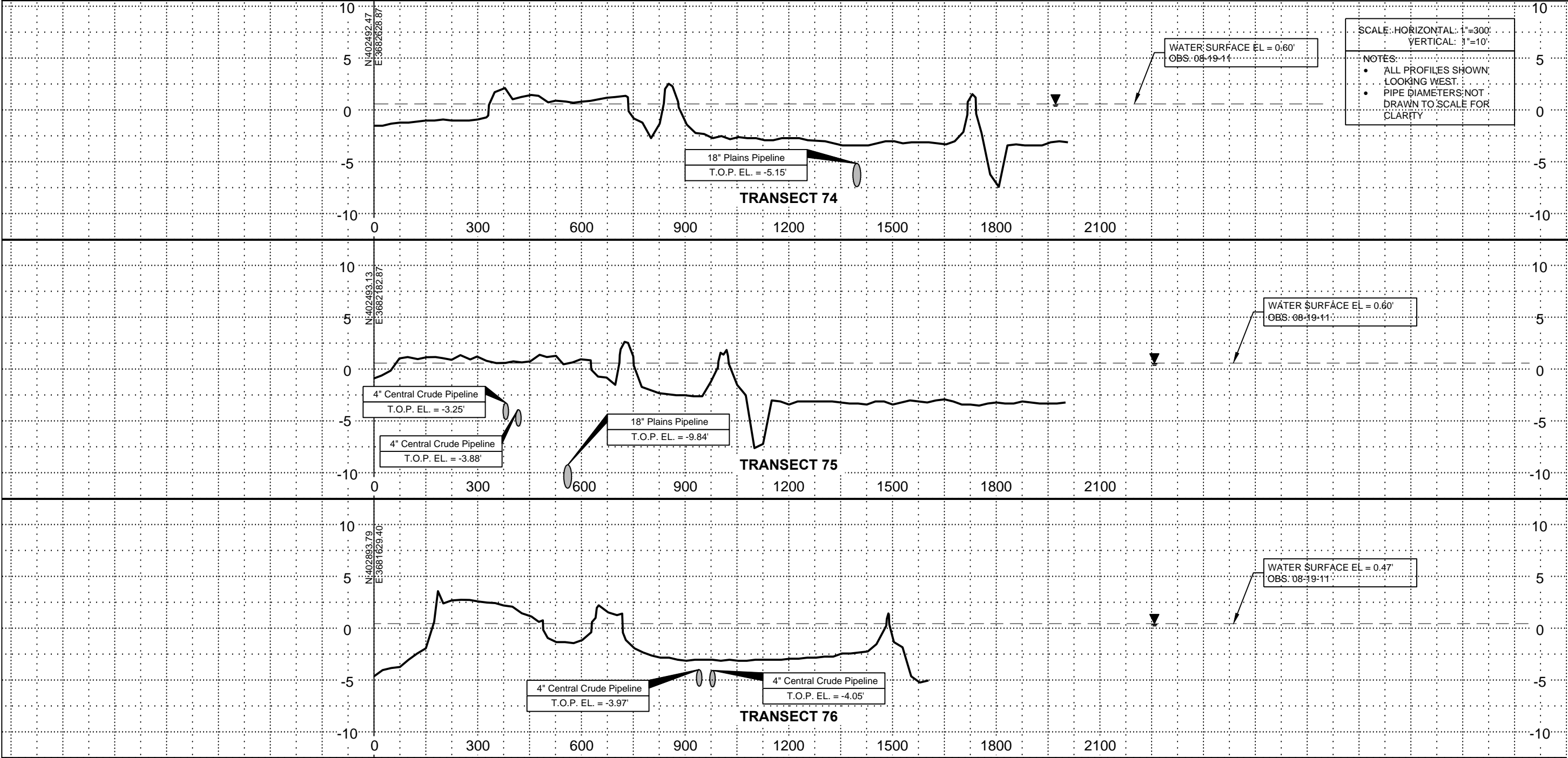




 <b>T. BAKER SMITH</b> PROFESSIONAL CONSULTANTS SINCE 1953 504-488-7400 www.tb-smith.com	REV	DATE	<div>COASTAL PROTECTION AND RESTORATION AUTHORITY</div> <div>450 LAUREL STREET</div> <div>BATON ROUGE, LOUISIANA 70801</div>		<div>Mississippi River Long Distance Pipeline</div> <div>Coastal Restoration Near Myrtle Grove and Barataria Estuary</div> <div>STATE PROJECT NUMBER:</div> <div>FEDERAL PROJECT NUMBER: BA-43EB</div> <div>DATE: 12/01/2011</div> <div>SHEET: 29 OF 45</div>
	BY	DESCRIPTION			
	DRAWN BY: TJN	DESIGNED BY: BJK			
	PROFILE VIEWS				

TRANSECTS 66 TO 69





PROFILE VIEWS TRANSECTS 74 TO 76		Mississippi River Long Distance Pipeline Coastal Restoration Near Myrtle Grove and Barataria Estuary		DATE: 12/01/2011	SHEET: 31 OF 45
		STATE PROJECT NUMBER:		FEDERAL PROJECT NUMBER: BA-43EB	
COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801		DESIGNED BY: BJK		APPROVED BY: BJK	
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				DESCRIPTION	
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<div><div><div>TBS</div><div>T. BAKER SMITH</div><div>PROFESSIONAL CONSULTANTS SINCE 1975</div><div>(504) 688-7665</div><div>www.tbaksmith.com</div></div></div>					





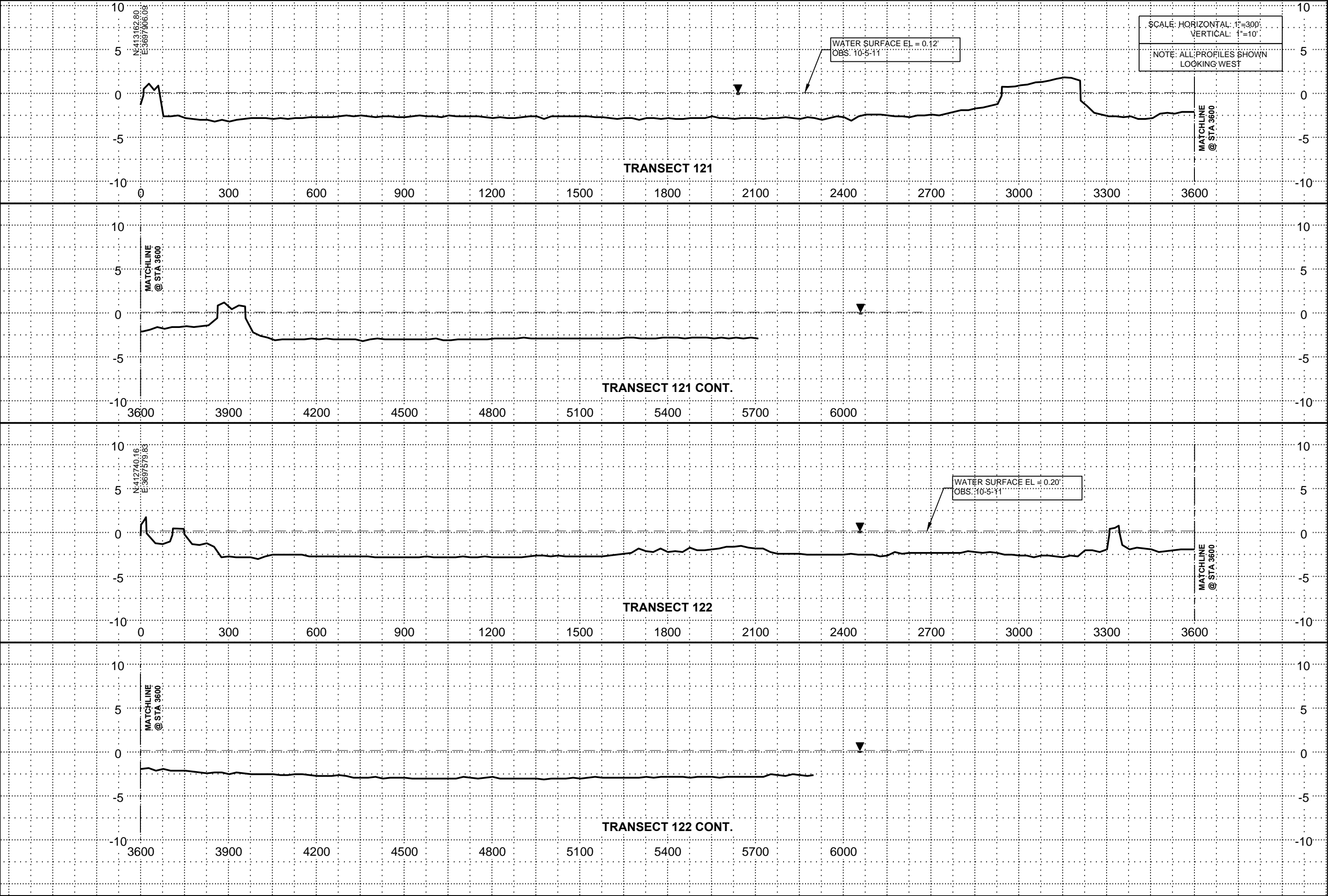





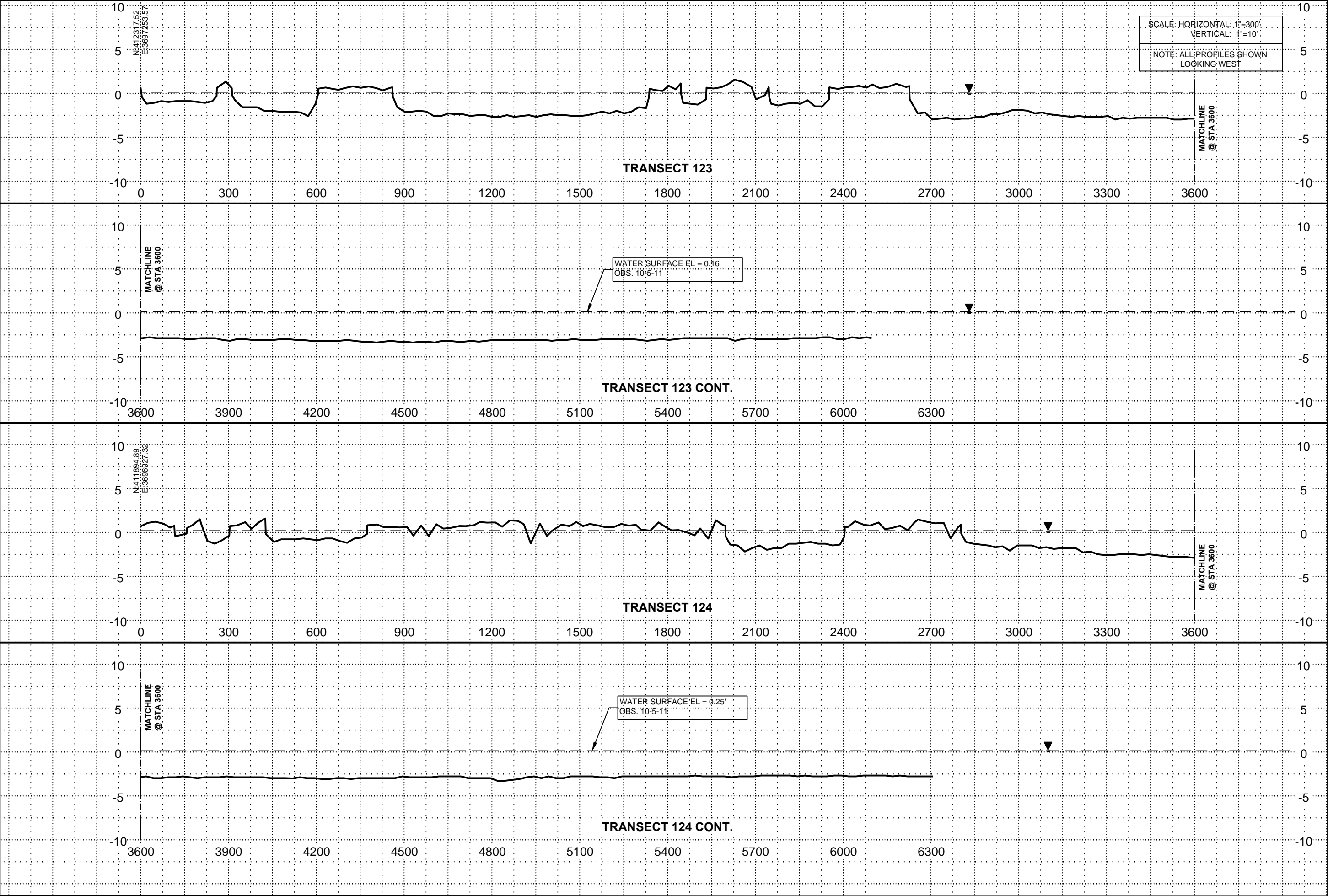




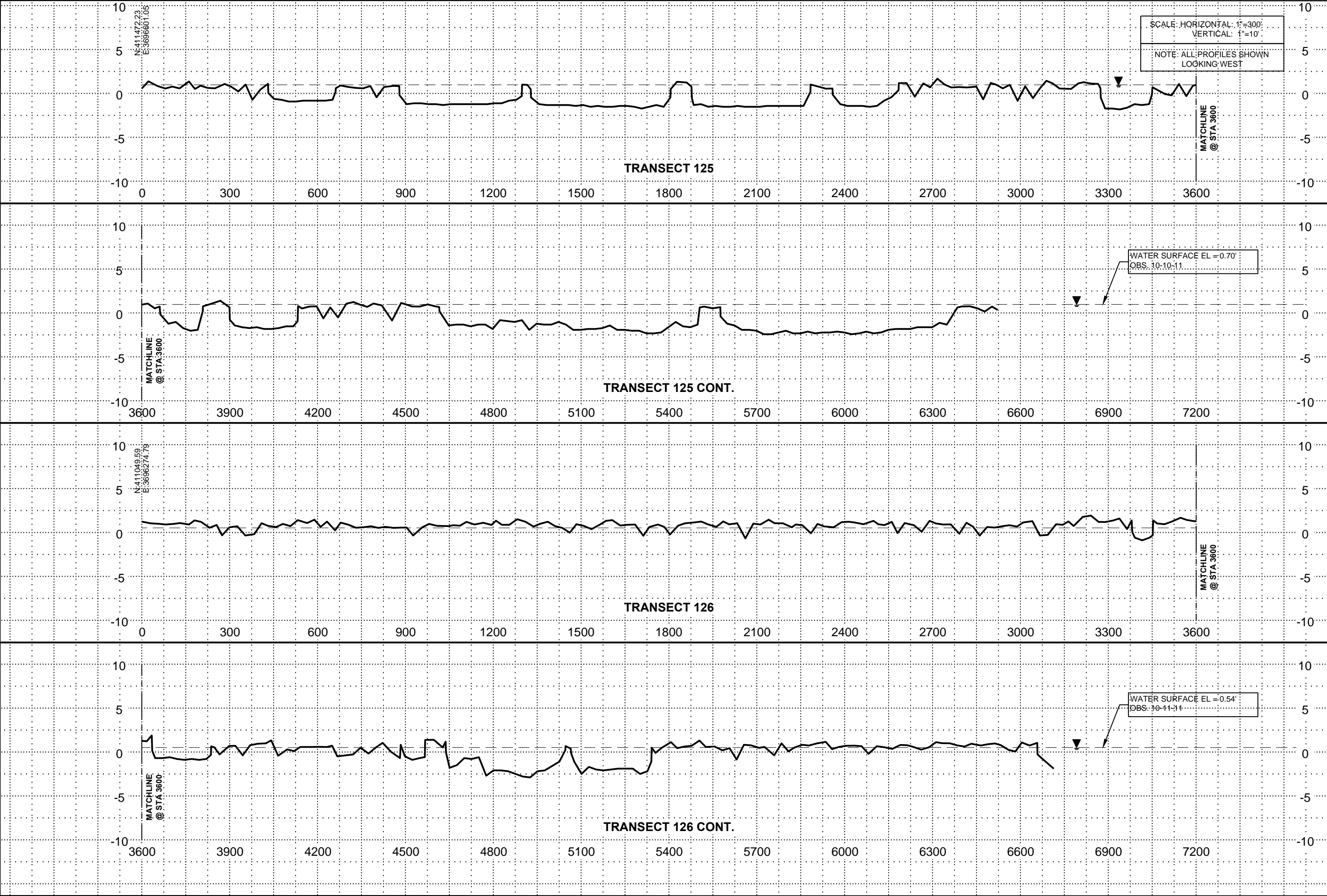





 <b>T. BAKER SMITH</b> PROFESSIONAL CONSULTANTS SINCE 1953 going 400-1000 <a href="http://www.tbsmith.com">www.tbsmith.com</a>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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<div><div><b>T. BAKER SMITH</b> PROFESSIONAL CONSULTANTS SINCE 1953 going 400-1000 <a href="http://www.tbsmith.com">www.tbsmith.com</a></div></div>		REV.	DATE	DESCRIPTION	BY	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	DESIGNED BY: BJK	APPROVED BY: BJK	FEDERAL PROJECT NUMBER: BA-43EB	DATE: 12/01/2011	SHEET: 39 OF 45	PROFILE VIEWS TRANSECTS 123 TO 124
								Mississippi River Long Distance Pipeline Coastal Restoration Near Myrtle Grove and Barataria Estuary	STATE PROJECT NUMBER:			

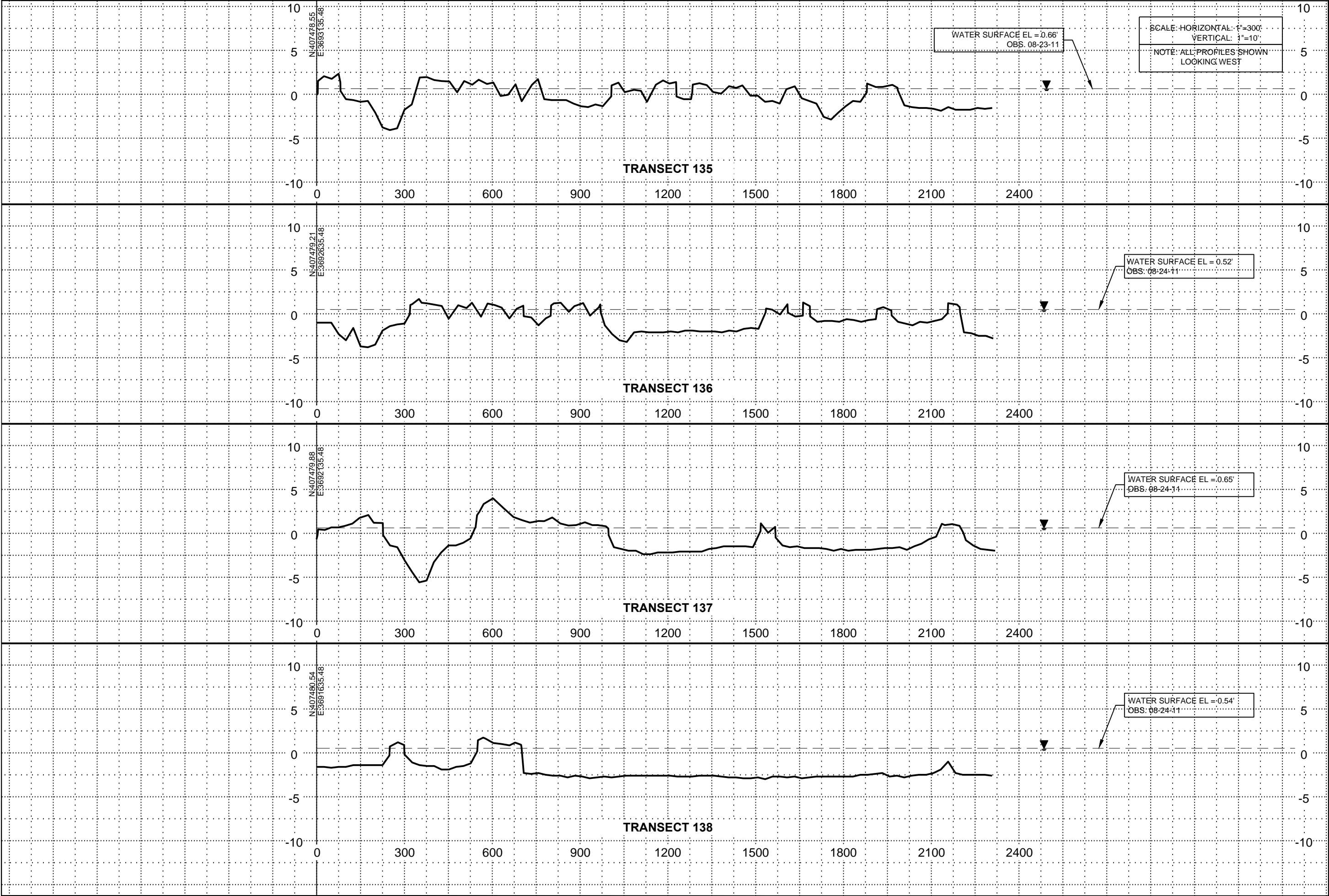



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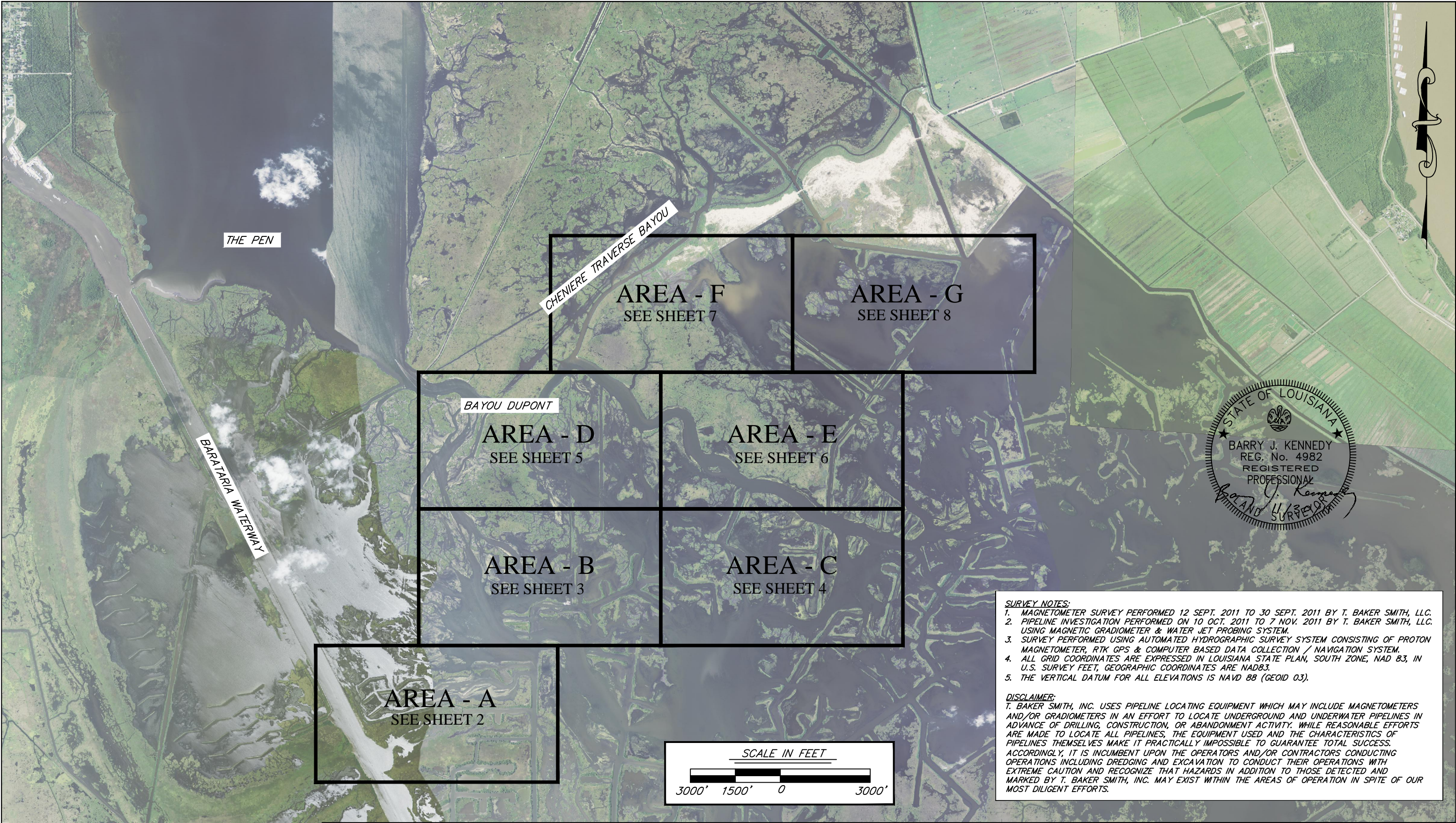


<div><div><b>T. BAKER SMITH</b> PROFESSIONAL CONSULTANTS SINCE 1950 800-888-7868 <a href="http://www.tbakermc.com">www.tbakermc.com</a></div></div>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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<b>NOTES:</b> 1. BACKGROUND IMAGERY REPRODUCED FROM 2010 USGS PARISH-WIDE AERIAL PHOTOGRAPHY.			
REV.	DATE	DESCRIPTION	BY




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BATON ROUGE, LOUISIANA 70801

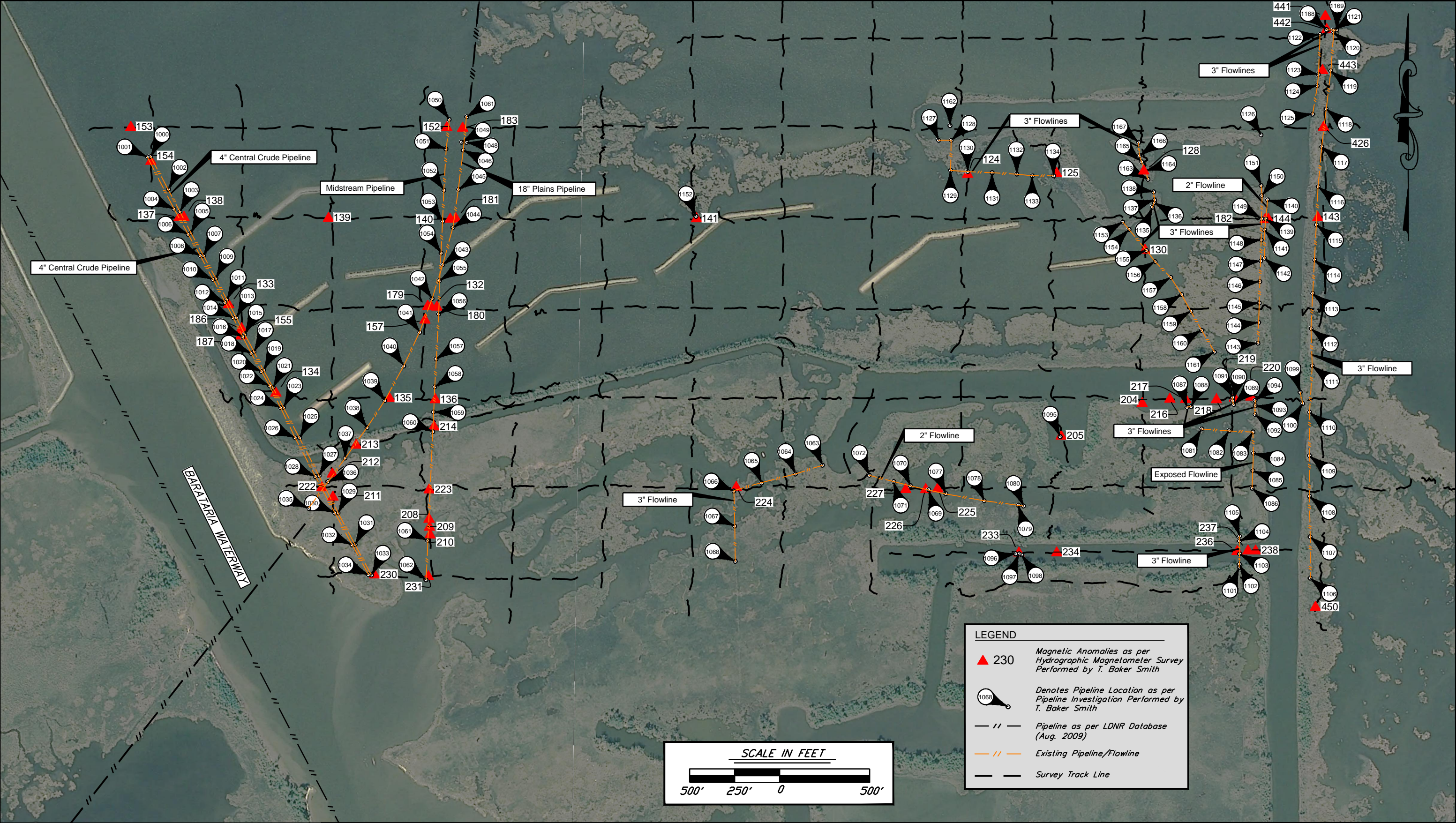
DRAWN BY: KMB

DESIGNED BY: BJK

Mississippi River Long Distance Sediment Pipeline Project	
STATE PROJECT NUMBER:	
FEDERAL PROJECT NUMBER: BA-43EB	
APPROVED BY: BJK	

MAGNETOMETER SURVEY AND PIPELINE INVESTIGATION KEY MAP
DATE: 1 DEC 2011
SHEET 1 OF 12





NOTES:  
1. SEE SHEET 9 FOR MAGNETIC ANOMALY DATA.  
2. SEE SHEET 11 FOR PIPELINE DATA.  
3. AERIAL PHOTOGRAPHY REPRODUCED FROM 2008 DOQQ IMAGERY.

REV.	DATE	DESCRIPTION	BY

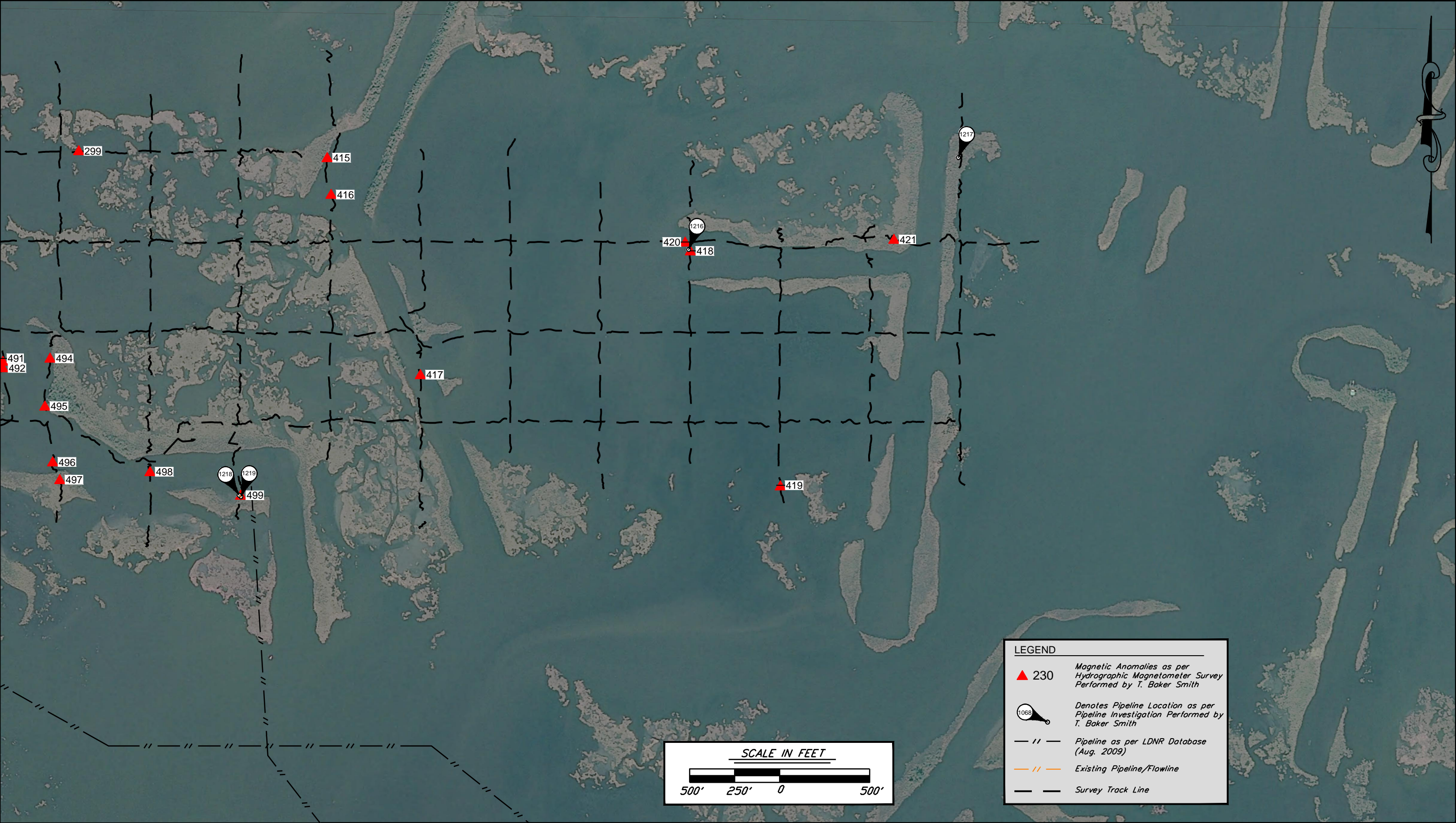


COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801		Mississippi River Long Distance Sediment Pipeline Project		AREA - A MAGNETIC ANOMALIES AND PIPELINE INVESTIGATION
		STATE PROJECT NUMBER:		
DRAWN BY: KMB		DESIGNED BY: BJK		DATE: 1 DEC 2011
APPROVED BY: BJK		FEDERAL PROJECT NUMBER: BA-43EB		SHEET 2 OF 12









**NOTES:**  
1. SEE SHEET 10 FOR MAGNETIC ANOMALY DATA.  
2. SEE SHEET 12 FOR PIPELINE DATA.  
3. AERIAL PHOTOGRAPHY REPRODUCED FROM 2008 DOQQ IMAGERY.

REV.	DATE	DESCRIPTION	BY



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BATON ROUGE, LOUISIANA 70801

DRAWN BY: KMB

DESIGNED BY: BJK

**Mississippi River Long Distance Sediment Pipeline Project**

STATE PROJECT NUMBER:

FEDERAL PROJECT NUMBER: BA-43EB

APPROVED BY: BJK

**AREA - C  
MAGNETIC ANOMALIES  
AND  
PIPELINE INVESTIGATION**

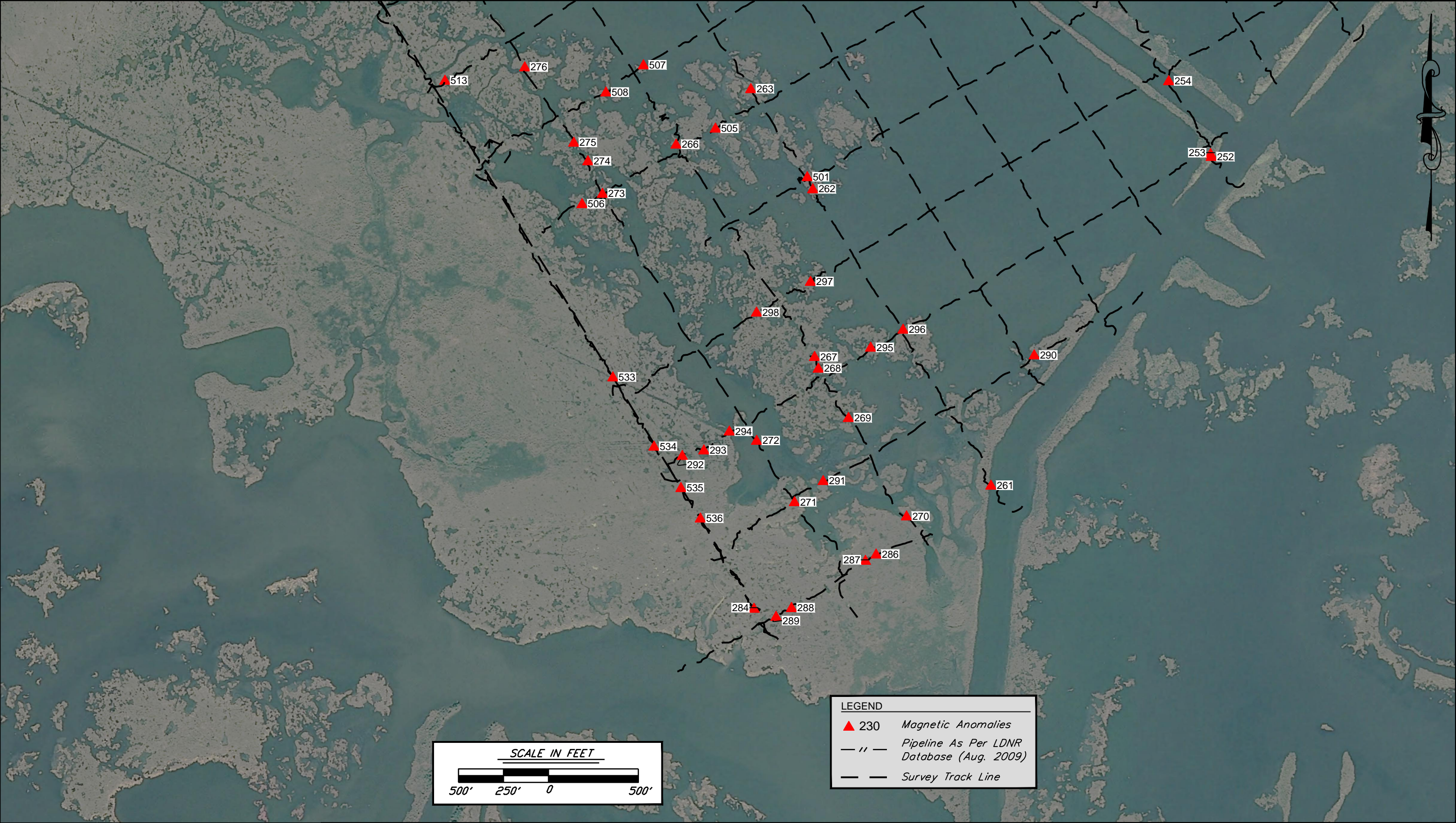
DATE: 1 DEC 2011

SHEET 4 OF 12









NOTES:  
1. SEE SHEET 10 FOR MAGNETIC ANOMALY DATA.  
2. AERIAL PHOTOGRAPHY REPRODUCED FROM 2008 DOQQ IMAGERY.

REV.	DATE	DESCRIPTION	BY

REV.	DATE	DESCRIPTION	BY



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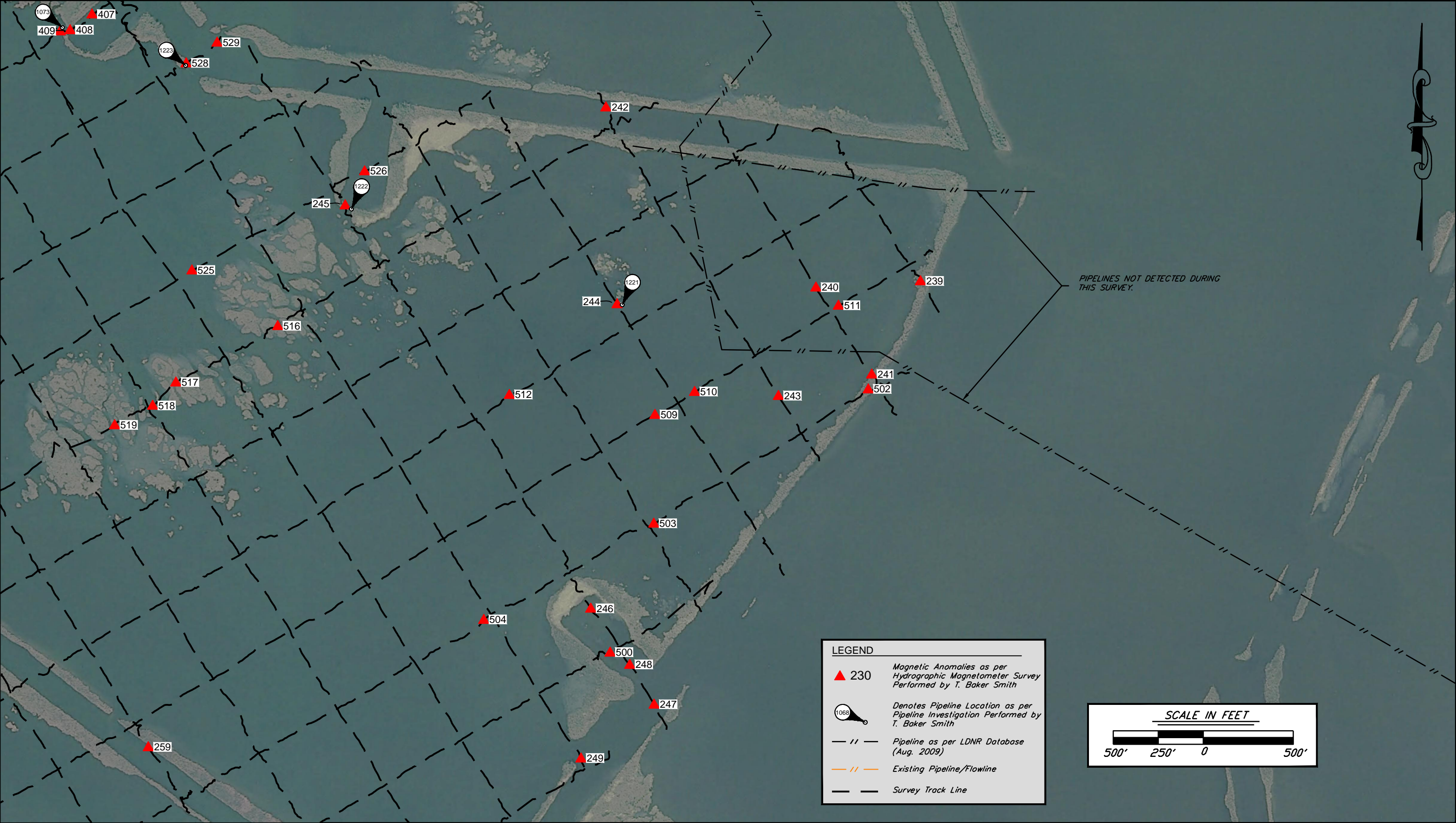
Mississippi River Long Distance Sediment Pipeline Project	
STATE PROJECT NUMBER:	
FEDERAL PROJECT NUMBER: BA-43EB	
APPROVED BY: BJK	

AREA - E MAGNETIC ANOMALIES AND PIPELINE INVESTIGATION	
DATE: 1 DEC 2011	
SHEET 6 OF 12	









**NOTES:**  
1. SEE SHEET 10 FOR MAGNETIC ANOMALY DATA.  
2. SEE SHEET 12 FOR PIPELINE DATA.  
3. AERIAL PHOTOGRAPHY REPRODUCED FROM 2008 DOQQ IMAGERY.

REV.	DATE	DESCRIPTION	BY



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Mississippi River Long Distance Sediment Pipeline Project		AREA - G MAGNETIC ANOMALIES AND PIPELINE INVESTIGATION	
STATE PROJECT NUMBER:			
FEDERAL PROJECT NUMBER: BA-43EB		DATE: 1 DEC 2011	
APPROVED BY: BJK		SHEET 8 OF 12	



Area A Magnetic Anomaly Table						
Point #	Northing	Easting	Latitude	Longitude	Gammas (nT)	Type
124	404732.30	3685660.90	N029° 36' 24.26"	W090° 03' 33.78"	600	MP
125	404736.30	3686156.00	N029° 36' 24.25"	W090° 03' 28.17"	500	MP
130	404310.20	3686646.30	N029° 36' 19.98"	W090° 03' 22.67"	800	DP
132	403997.00	3682678.50	N029° 36' 17.31"	W090° 04' 07.65"	500	DP
133	404008.00	3681554.80	N029° 36' 17.54"	W090° 04' 20.38"	1500	MP
134	403516.10	3681817.90	N029° 36' 12.64"	W090° 04' 17.46"	500	DP
135	403486.60	3682448.70	N029° 36' 12.28"	W090° 04' 10.32"	2500	DP
136	403479.40	3682703.50	N029° 36' 12.18"	W090° 04' 07.44"	100	MP
137	404491.20	3681280.00	N029° 36' 22.36"	W090° 04' 23.43"	200	MP
138	404492.80	3681306.60	N029° 36' 22.37"	W090° 04' 23.13"	1200	MP
139	404488.00	3682110.20	N029° 36' 22.23"	W090° 04' 14.03"	150	MP
140	404482.80	3682786.20	N029° 36' 22.11"	W090° 04' 06.37"	1500	DP
141	404485.60	3684155.10	N029° 36' 21.99"	W090° 03' 50.87"	25	MP
143	404491.00	3687606.40	N029° 36' 21.66"	W090° 03' 11.77"	500	MP
144	404482.50	3687331.70	N029° 36' 21.61"	W090° 03' 14.88"	1500	MP
152	404991.00	3682767.60	N029° 36' 27.14"	W090° 04' 06.52"	2000	MP
153	404993.20	3681011.90	N029° 36' 27.35"	W090° 04' 26.41"	1000	MP
154	404804.60	3681123.40	N029° 36' 25.47"	W090° 04' 25.17"	10000	DP
155	403860.70	3681624.70	N029° 36' 16.08"	W090° 04' 19.61"	800	DP
157	403922.20	3682646.10	N029° 36' 16.57"	W090° 04' 08.03"	400	DP
179	403999.00	3682661.40	N029° 36' 17.33"	W090° 04' 07.85"	2000	MP
180	403994.60	3682712.00	N029° 36' 17.28"	W090° 04' 07.28"	1000	MP
181	404486.30	3682817.40	N029° 36' 22.14"	W090° 04' 06.02"	500	MP
182	404480.70	3687314.60	N029° 36' 21.59"	W090° 03' 15.08"	700	MP
183	404988.30	3682855.50	N029° 36' 27.10"	W090° 04' 05.53"	2000	DP
186	403874.30	3681627.10	N029° 36' 16.21"	W090° 04' 19.58"	1000	MP
187	403833.60	3681623.80	N029° 36' 15.81"	W090° 04' 19.62"	1000	MP
204	403459.00	3686630.50	N029° 36' 11.55"	W090° 03' 22.96"	200	MP
205	403277.80	3686180.30	N029° 36' 09.81"	W090° 03' 28.08"	2000	MP
208	402843.90	3689688.80	N029° 36' 08.68"	W090° 08' 08.96"	1800	MP
209	402770.90	3682671.00	N029° 36' 05.17"	W090° 04' 07.89"	1000	MP
210	402727.60	3682674.10	N029° 36' 04.75"	W090° 04' 07.86"	2500	MP
211	402938.20	3682134.60	N029° 36' 06.89"	W090° 04' 13.95"	1000	MP
212	403067.00	3682131.40	N029° 36' 08.16"	W090° 04' 13.97"	3500	MP
213	403227.30	3682263.30	N029° 36' 09.74"	W090° 04' 12.45"	3000	MP
214	403328.80	3682696.20	N029° 36' 10.69"	W090° 04' 07.54"	100	MP
216	403482.70	3686784.40	N029° 36' 11.77"	W090° 03' 21.21"	1000	MP
217	403480.80	3686871.90	N029° 36' 11.74"	W090° 03' 20.22"	1500	MP
218	403479.70	3687043.00	N029° 36' 11.71"	W090° 03' 18.28"	200	MP
219	403488.50	3687143.30	N029° 36' 11.79"	W090° 03' 17.14"	1500	MP
220	403494.40	3687234.50	N029° 36' 11.84"	W090° 03' 16.11"	1500	MP
222	402990.10	3682073.50	N029° 36' 07.41"	W090° 04' 14.63"	500	MP
223	402978.20	3682669.00	N029° 36' 07.23"	W090° 04' 07.89"	100	MP
224	402992.10	3684375.20	N029° 36' 07.18"	W090° 03' 48.56"	1000	MP
225	402984.50	3685494.30	N029° 36' 06.98"	W090° 03' 35.89"	500	MP
226	402980.10	3685428.30	N029° 36' 06.94"	W090° 03' 36.63"	700	MP
227	402980.30	3685317.20	N029° 36' 06.96"	W090° 03' 37.89"	500	MP
230	402505.70	3682365.60	N029° 36' 02.58"	W090° 04' 11.39"	1500	MP
231	402496.10	3682665.00	N029° 36' 02.45"	W090° 04' 07.99"	5500	MP
233	402628.10	3685945.80	N029° 36' 03.40"	W090° 03' 30.82"	20	MP
234	402628.30	3686156.20	N029° 36' 03.38"	W090° 03' 28.43"	20	MP
236	402636.30	3687158.30	N029° 36' 03.35"	W090° 03' 17.08"	4000	MP
237	402639.50	3687218.00	N029° 36' 03.37"	W090° 03' 16.40"	2000	MP

Area A Magnetic Anomaly Table						
Point #	Northing	Easting	Latitude	Longitude	Gammas (nT)	Type
238	402639.20	3687260.70	N029° 36' 03.37"	W090° 03' 15.92"	2000	MP
426	404993.50	3687638.70	N029° 36' 26.63"	W090° 03' 11.34"	1600	MP
440	405757.20	3687640.80	N029° 36' 34.19"	W090° 03' 11.22"	99	MP
441	405610.70	3687648.20	N029° 36' 32.74"	W090° 03' 11.16"	110	MP
442	405536.40	3687656.20	N029° 36' 32.00"	W090° 03' 11.07"	75	MP
443	405308.80	3687632.80	N029° 36' 29.75"	W090° 03' 11.37"	1356	MP
450	402326.20	3687593.40	N029° 36' 00.23"	W090° 03' 12.19"	65	MP

Area B Magnetic Anomaly Table						
Point #	Northing	Easting	Latitude	Longitude	Gammas (nT)	Type
117	407930.10	3685139.10	N029° 36' 55.98"	W090° 03' 39.29"	5	MP
118	407528.10	3685131.30	N029° 36' 52.00"	W090° 03' 39.43"	10	DP
120	407576.90	3685641.10	N029° 36' 52.42"	W090° 03' 33.64"	20	MP
161	406992.20	3687643.70	N029° 36' 46.41"	W090° 03' 11.03"	40	MP
162	406981.70	3688449.20	N029° 36' 46.22"	W090° 03' 01.91"	10	MP
163	406985.20	3688641.50	N029° 36' 46.24"	W090° 02' 59.73"	50	MP
164	406979.90	3688915.80	N029° 36' 46.15"	W090° 02' 56.62"	30	MP
165	406977.10	3689049.60	N029° 36' 46.11"	W090° 02' 55.11"	700	MP
172	405953.90	3687065.40	N029° 36' 36.20"	W090° 03' 17.71"	50	MP
173	405899.90	3687239.50	N029° 36' 35.65"	W090° 03' 15.75"	200	MP
174	405992.40	3687682.80	N029° 36' 36.51"	W090° 03' 10.71"	3000	MP
175	405957.20	3688124.50	N029° 36' 36.12"	W090° 03' 05.72"	100	MP
176	405989.20	3688509.00	N029° 36' 36.39"	W090° 03' 01.36"	200	MP
191	406985.00	3687783.00	N029° 36' 46.33"	W090° 03' 09.45"	30	MP
192	406985.30	3688063.90	N029° 36' 46.30"	W090° 03' 06.27"	30	MP
193	406981.80	3688603.20	N029° 36' 46.21"	W090° 03' 00.16"	30	MP
197	406464.20	3689290.10	N029° 36' 41.01"	W090° 02' 52.45"	100	MP
198	405958.40	3687560.10	N029° 36' 36.19"	W090° 03' 12.11"	2000	MP
199	405993.80	3688953.40	N029° 36' 36.39"	W090° 02' 56.32"	40	MP
430	409910.60	3687651.20	N029° 37' 15.30"	W090° 03' 10.58"	11	MP
431	409569.10	3687636.50	N029° 37' 11.92"	W090° 03' 10.79"	13	MP
432	407140.70	3687659.40	N029° 36' 47.88"	W090° 03' 10.83"	232	MP
433	407067.20	3687641.60	N029° 36' 47.16"	W090° 03' 11.05"	293	MP
434	406972.50	3687625.70	N029° 36' 46.22"	W090° 03' 11.24"	133	MP
435	406896.90	3687645.70	N029° 36' 45.47"	W090° 03' 11.02"	93	MP
436	406815.70	3687644.90	N029° 36' 44.67"	W090° 03' 11.04"	50	MP
437	406815.70	3687644.90	N029° 36' 44.67"	W090° 03' 11.04"	370	MP
438	406060.50	3687641.60	N029° 36' 37.19"	W090° 03' 11.17"	202	MP
439	405902.00	3687652.50	N029° 36' 35.62"	W090° 03' 11.07"	1127	MP
452	406899.40	3688138.60	N029° 36' 45.44"	W090° 03' 05.44"	585	MP
453	406821.50	3688159.00	N029° 36' 44.67"	W090° 03' 05.22"	409	MP
454	405974.20	3688119.40	N029° 36' 36.28"	W090° 03' 05.77"	124	MP
455	407140.10	3688672.70	N029° 36' 47.76"	W090° 02' 59.36"	296	MP
456	407194.50	3688672.60	N029° 36' 48.30"	W090° 02' 59.35"	132	MP
459	407654.00	3688635.60	N029° 36' 52.86"	W090° 02' 59.71"	12	MP
460	407365.30	3688648.60	N029° 36' 50.00"	W090° 02' 59.60"	12	MP
461	406908.50	3688627.20	N029° 36' 45.48"	W090° 02' 59.90"	34	MP
462	406908.50	3688627.20	N029° 36' 45.48"	W090° 02' 59.90"	34	DP
463	407088.30	3689055.40	N029° 36' 47.21"	W090° 02' 55.03"	571	MP
464	409395.50	3689148.70	N029° 37' 10.04"	W090° 02' 53.68"	57	DP
465	408138.00	3689123.00	N029° 36' 57.59"	W090° 02' 54.13"	54	DP
466	407973.90	3689119.10	N029° 36' 55.97"	W090° 02' 54.19"	155	MP
467	407542.60	3689098.30	N029° 36' 51.70"	W090° 02' 54.48"	31	DP
468	406941.10	3689117.70	N029° 36' 45.75"	W090° 02' 54.34"	39	MP
469	406804.20	3689180.20	N029° 36' 44.38"	W090° 02' 53.65"	177	MP
470	407373.70	3689634.40	N029° 36' 49.97"	W090° 02' 48.43"	20	MP
471	407265.60	3689632.50	N029° 36' 48.90"	W090° 02' 48.47"	253	MP
472	407236.50	3689620.80	N029° 36' 48.61"	W090° 02' 48.60"	625	MP
473	407033.20	3689634.00	N029° 36' 46.60"	W090° 02' 48.48"	5962	MP
474	406971.90	3689614.80	N029° 36' 46.00"	W090° 02' 48.70"	58	MP
475	407356.30	3690147.50	N029° 36' 49.74"	W090° 02' 42.62"	79	MP
476	407252.10	3690150.30	N029° 36' 48.71"	W090° 02' 42.60"	519	MP
477	407088.20	3690135.80	N029° 36' 47.09"	W090° 02' 42.79"	96	MP
478	409460.50	3690646.10	N029° 37' 10.52"	W090° 02' 36.70"	44	MP
479	408406.80	3690761.60	N029° 37' 00.07"	W090° 02' 35.53"	18	MP

Area B Magnetic Anomaly Table						
Point #	Northing	Easting	Latitude	Longitude	Gammas (nT)	Type
480	407893.40	3690756.40	N029° 36' 54.99"	W090° 02' 35.65"	36	DP
481	407812.20	3690744.90	N029° 36' 54.19"	W090° 02' 35.79"	97	MP
482	407601.70	3690632.70	N029° 36' 52.12"	W090° 02' 37.09"	40	MP
484	406825.10	3690626.20	N029° 36' 44.43"	W090° 02' 37.27"	117	DP
485	409456.40	3691141.70	N029° 37' 10.42"	W090° 02' 31.09"	10	MP
486	407803.90	3691125.10	N029° 36' 54.06"	W090° 02' 31.49"	16	MP
487	407391.60	3691169.00	N029° 36' 49.98"	W090° 02' 31.04"	1356	MP
488	407257.40	3691099.50	N029° 36' 48.66"	W090° 02' 31.85"	895	MP
489	407104.50	3691142.20	N029° 36' 47.14"	W090° 02' 31.38"	628	MP
490	409003.80	3691595.20	N029° 37' 05.89"	W090° 02' 26.01"	10	MP
493	407561.20	3691632.00	N029° 36' 51.60"	W090° 02' 25.78"	10	MP

Point #	Northing	Easting	Latitude	Longitude	Gammas (nT)	Type
299	409477.90	3692240.90	N029° 37' 10.51"	W090° 02' 18.63"	50	MP
415	409439.80	3693621.40	N029° 37' 09.98"	W090° 02' 03.00"	224	MP
416	409235.40	3693642.80	N029° 37' 07.95"	W090° 02' 02.78"	2173	MP
417	408234.30	3694139.00	N029° 36' 57.99"	W090° 01' 57.29"	10	DP
418	408921.40	3695639.20	N029° 37' 04.62"	W090° 01' 40.20"	2184	MP
420	408970.30	3695610.10	N029° 37' 05.11"	W090° 01' 40.53"	160	DP
421	408985.80	3696769.50	N029° 37' 05.13"	W090° 01' 27.39"	12	MP
491	408308.00	3691819.20	N029° 36' 58.98"	W090° 02' 23.56"	15	MP
492	408272.10	3691818.60	N029° 36' 58.62"	W090° 02' 23.57"	12	MP
494	408325.30	3692081.40	N029° 36' 59.12"	W090° 02' 20.59"	12	MP
495	408059.10	3692052.50	N029° 36' 56.49"	W090° 02' 20.95"	50	DP
496	407749.00	3692096.30	N029° 36' 53.41"	W090° 02' 20.49"	19	MP
497	407650.60	3692135.50	N029° 36' 52.43"	W090° 02' 20.06"	53	DP
498	407694.80	3692636.90	N029° 36' 52.81"	W090° 02' 14.38"	10	MP
499	407564.30	3693140.20	N029° 36' 51.47"	W090° 02' 08.69"	14	MP

Area D Magnetic Anomaly Table						
Point #	Northing	Easting	Latitude	Longitude	Gammas (nT)	Type
427	413001.80	3687640.90	N029° 37' 45.90"	W090° 03' 10.30"	12	MP
428	412184.00	3687657.10	N029° 37' 37.81"	W090° 03' 10.22"	22	MP
429	411889.80	3687638.00	N029° 37' 34.90"	W090° 03' 10.48"	22	MP
451	410376.00	3688145.20	N029° 37' 19.86"	W090° 03' 04.92"	10	MP
457	411723.90	3688626.30	N029° 37' 33.15"	W090° 02' 59.30"	85	MP
458	411547.80	3688624.10	N029° 37' 31.40"	W090° 02' 59.35"	11	MP

Area E Magnetic Anomaly Table						
Point #	Northing	Easting	Latitude	Longitude	Gammas (nT)	Type
252	414005.30	3698534.70	N029° 37' 54.62"	W090° 01' 06.74"	600	MP
253	414021.70	3698530.40	N029° 37' 54.78"	W090° 01' 06.79"	200	MP
254	414426.30	3698298.20	N029° 37' 58.81"	W090° 01' 09.37"	80	MP
261	412179.30	3697310.60	N029° 37' 36.68"	W090° 01' 20.85"	200	MP
262	413825.90	3696320.60	N029° 37' 53.09"	W090° 01' 31.85"	100	MP
263	414382.60	3695976.20	N029° 37' 58.64"	W090° 01' 35.68"	50	MP
266	414073.90	3695561.10	N029° 37' 55.63"	W090° 01' 40.42"	200	MP
267	412893.80	3696330.60	N029° 37' 43.86"	W090° 01' 31.86"	100	MP
268	412829.20	3696351.30	N029° 37' 43.22"	W090° 01' 31.63"	300	MP
269	412554.50	3696518.80	N029° 37' 40.48"	W090° 01' 29.77"	300	MP
270	412007.90	3696841.30	N029° 37' 35.04"	W090° 01' 26.19"	1100	MP
271	412087.00	3696218.50	N029° 37' 35.89"	W090° 01' 33.23"	500	MP
272	412428.40	3696008.70	N029° 37' 39.29"	W090° 01' 35.57"	400	DP
273	413801.00	3695151.90	N029° 37' 52.98"	W090° 01' 45.10"	400	MP
274	413981.60	3695071.00	N029° 37' 54.77"	W090° 01' 45.99"	120	MP
275	414084.50	3694992.60	N029° 37' 55.80"	W090° 01' 46.86"	100	MP
276	414503.40	3694720.10	N029° 37' 59.98"	W090° 01' 49.90"	60	MP
284	411495.10	3695994.10	N029° 37' 30.06"	W090° 01' 35.85"	250	MP
285	411498.80	3696202.50	N029° 37' 30.07"	W090° 01' 33.49"	2000	MP
286	411796.50	3696672.40	N029° 37' 32.96"	W090° 01' 28.13"	50	MP
287	411761.70	3696612.70	N029° 37' 32.63"	W090° 01' 28.81"	100	MP
288	411498.80	3696202.50	N029° 37' 30.07"	W090° 01' 33.49"	2000	MP
289	411450.00	3696116.40	N029° 37' 29.60"	W090° 01' 34.47"	150	MP
290	412903.10	3697551.00	N029° 37' 43.82"	W090° 01' 18.03"	400	MP
291	412204.90	3696378.20	N029° 37' 37.04"	W090° 01' 31.41"	150	MP
292	412344.40	3695595.20	N029° 37' 38.51"	W090° 01' 40.26"	100	MP
293	412374.80	3695715.50	N029° 37' 38.80"	W090° 01' 38.89"	150	MP
294	412479.60	3695857.10	N029° 37' 39.82"	W090° 01' 37.28"	75	MP
295	412945.50	3696642.10	N029° 37' 44.34"	W090° 01' 28.32"	300	MP
296	413045.40	3696822.00	N029° 37' 45.31"	W090° 01' 26.27"	300	MP
297	413311.20	3696307.70	N029° 37' 48.00"	W090° 01' 32.06"	100	MP
298	413140.90	3696007.90	N029° 37' 46.35"	W090° 01' 35.48"	100	MP
501	413893.20	3696289.80	N029° 37' 53.76"	W090° 01' 32.19"	20	MP
505	414163.10	3695779.70	N029° 37' 56.49"	W090° 01' 37.94"	150	MP
506	413742.80	3695038.70	N029° 37' 52.41"	W090° 01' 46.39"	500	MP
507	414515.00	3695380.00	N029° 38' 00.02"	W090° 01' 42.42"	100	MP
508	414364.00	3695171.00	N029° 37' 58.55"	W090° 01' 44.81"	60	MP
513	414428.90	3694276.70	N029° 37' 59.29"	W090° 01' 54.93"	700	MP
533	412780.80	3695209.80	N029° 37' 42.87"	W090° 01' 44.57"	500	MP
534	412395.80	3695438.60	N029° 37' 39.03"	W090° 01' 42.03"	1000	MP
535	412166.10	3695588.30	N029° 37' 36.74"	W090° 01' 40.36"	150	MP
536	411996.50	3695696.10	N029° 37' 35.05"	W090° 01' 39.16"	400	MP

Area F Magnetic Anomaly Table						
Point #	Northing	Easting	Latitude	Longitude	Gammas (nT)	Type
260	416502.20	3695842.30	N029° 38' 19.64"	W090° 01' 36.92"	20	DP
277	415047.40	3694379.90	N029° 38' 05.40"	W090° 01' 53.68"	400	MP
278	415198.40	3694290.20	N029° 38' 06.91"	W090° 01' 54.68"	100	MP
279	415342.30	3694203.20	N029° 38' 08.34"	W090° 01' 55.65"	200	MP
281	416317.80	3692987.70	N029° 38' 18.13"	W090° 02' 09.30"	25	MP
282	415726.20	3693378.50	N029° 38' 12.23"	W090° 02' 04.94"	30	MP
283	415138.50	3693737.90	N029° 38' 06.38"	W090° 02' 00.95"	20	MP
315	415339.00	3689823.80	N029° 38' 08.80"	W090° 02' 45.27"	250	MP
316	415312.10	3689896.50	N029° 38' 08.52"	W090° 02' 44.45"	2000	MP
323	417961.30	3693359.20	N029° 38' 34.36"	W090° 02' 04.87"	10	MP
404	417808.20	3693268.00	N029° 38' 32.86"	W090° 02' 05.93"	10	MP
514	414952.10	3694223.40	N029° 38' 04.48"	W090° 01' 55.47"	400	MP
515	414997.80	3694321.00	N029° 38' 04.92"	W090° 01' 54.36"	800	MP
520	416617.60	3696000.50	N029° 38' 20.76"	W090° 01' 35.12"	45	MP
521	416435.90	3695712.60	N029° 38' 19.00"	W090° 01' 38.40"	300	MP
522	416120.10	3695163.90	N029° 38' 15.93"	W090° 01' 44.66"	30	MP
523	415983.60	3694924.50	N029° 38' 14.61"	W090° 01' 47.39"	7	MP
524	417279.30	3696150.70	N029° 38' 27.30"	W090° 01' 33.33"	60	MP
527	417264.40	3694142.00	N029° 38' 27.38"	W090° 01' 56.09"	20	MP
530	416600.00	3692853.40	N029° 38' 20.94"	W090° 02' 10.78"	70	MP
531	415733.40	3693375.20	N029° 38' 12.31"	W090° 02' 04.98"	30	MP
532	415135.40	3693740.00	N029° 38' 06.35"	W090° 02' 00.92"	40	MP
537	417264.80	3694185.40	N029° 38' 27.37"	W090° 01' 55.60"	6	MP
538	417588.90	3693988.40	N029° 38' 30.60"	W090° 01' 57.79"	4	DP

Point #	Northing	Easting	Latitude	Longitude	Gammas (nT)	Type
239	417949.60	3701412.90	N029° 38' 33.33"	W090° 00' 33.61"	70	MP
240	417914.50	3700832.10	N029° 38' 33.05"	W090° 00' 40.20"	35	MP
241	417431.30	3701142.10	N029° 38' 28.23"	W090° 00' 36.75"	200	MP
242	418915.60	3699665.20	N029° 38' 43.10"	W090° 00' 53.29"	80	MP
243	417312.20	3700623.50	N029° 38' 27.11"	W090° 00' 42.64"	8	DP
244	417822.00	3699727.60	N029° 38' 32.26"	W090° 00' 52.73"	15	MP
245	418371.20	3698216.60	N029° 38' 37.87"	W090° 01' 09.78"	50	MP
246	416130.20	3699581.10	N029° 38' 15.53"	W090° 00' 54.61"	350	MP
247	415597.00	3699933.20	N029° 38' 10.21"	W090° 00' 50.69"	15	MP
248	415818.40	3699797.60	N029° 38' 12.42"	W090° 00' 52.19"	60	MP
249	415298.40	3699526.60	N029° 38' 07.30"	W090° 00' 55.33"	100	MP
259	415360.20	3697123.00	N029° 38' 08.19"	W090° 01' 22.56"	50	MP
407	419432.00	3696810.50	N029° 38' 48.53"	W090° 01' 25.57"	30	DP
408	419344.90	3696688.40	N029° 38' 47.68"	W090° 01' 26.97"	165	MP
409	419337.80	3696632.50	N029° 38' 47.62"	W090° 01' 27.60"	43	MP
500	415886.50	3699688.40	N029° 38' 13.11"	W090° 00' 53.42"	15	MP
502	417349.20	3701122.50	N029° 38' 27.42"	W090° 00' 36.98"	1200	MP
503	416602.90	3699931.50	N029° 38' 20.17"	W090° 00' 50.57"	40	MP
504	416068.30	3698986.80	N029° 38' 14.99"	W090° 01' 01.35"	100	MP
509	417206.90	3699937.60	N029° 38' 26.15"	W090° 00' 50.43"	60	MP
510	417335.00	3700157.80	N029° 38' 27.39"	W090° 00' 47.91"	1200	MP
511	417813.90	3700956.80	N029° 38' 32.04"	W090° 00' 38.80"	20	MP
512	417318.20	3699128.90	N029° 38' 27.34"	W090° 00' 59.58"	80	MP
516	417700.20	3697842.00	N029° 38' 31.27"	W090° 01' 14.11"	400	MP
517	417387.30	3697276.00	N029° 38' 28.24"	W090° 01' 20.56"	150	MP
518	417257.90	3697147.20	N029° 38' 26.97"	W090° 01' 22.04"	250	MP
519	417149.40	3696935.90	N029° 38' 25.92"	W090° 01' 24.45"	100	MP
525	418009.70	3697365.30	N029° 38' 34.39"	W090° 01' 19.47"	40	MP
526	418560.90	3698324.70	N029° 38' 39.74"	W090° 01' 08.53"	1600	MP
528	419160.70	3697333.10	N029° 38' 45.79"	W090° 01' 19.69"	500	MP
529	419275.40	3697505.00	N029° 38' 46.90"	W090° 01' 17.72"	1000	MP

NOTES:

*MP = MONOPOLE READING*

*DP = DIPOLE READING*

			 <b>T. BAKER SMITH</b> PROFESSIONAL CONSULTANTS SINCE 1913 (504) 385-1900 www.tbsmith.com	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801		Mississippi River Long Distance Sediment Pipeline Project		MAGNETIC ANOMALIES POINT CHART SHEET 2 OF 2	
						STATE PROJECT NUMBER:			
						FEDERAL PROJECT NUMBER: BA-43EB			
					DRAWN BY: KMB		DESIGNED BY: BJK		DATE: 1 DEC 11
							APPROVED BY: BJK		SHEET 10 OF 12
REV.	DATE	DESCRIPTION	BY						

Area A Point Table						
4" Central Crude Pipeline						
Point #	Northing	Easting	Latitude	Longitude	T.O.P. EL.(Ft.)	DESC.
1000	404831.64	3681120.42	N029° 36' 25.74"	W090° 04' 25.20"	-7.87	END
1002	404649.02	3681218.95	N029° 36' 23.92"	W090° 04' 24.11"	-4.60	CONT.
1003	404526.15	3681283.92	N029° 36' 22.70"	W090° 04' 23.39"	-4.39	CONT.
1005	404409.13	3681344.50	N029° 36' 21.54"	W090° 04' 22.71"	-4.13	CONT.
1007	404280.31	3681415.20	N029° 36' 20.25"	W090° 04' 21.93"	-3.75	CONT.
1009	404156.20	3681482.43	N029° 36' 19.02"	W090° 04' 21.18"	-3.87	CONT.
1011	404036.52	3681544.94	N029° 36' 17.83"	W090° 04' 20.49"	-4.28	CONT.
1013	403937.35	3681597.36	N029° 36' 16.84"	W090° 04' 19.91"	-4.44	CONT.
1015	403844.02	3681644.80	N029° 36' 15.91"	W090° 04' 19.38"	-4.05	CONT.
1017	403745.63	3681696.66	N029° 36' 14.93"	W090° 04' 18.81"	-3.58	CONT.
1019	403645.00	3681748.45	N029° 36' 13.93"	W090° 04' 18.23"	-3.78	CONT.
1021	403550.18	3681799.32	N029° 36' 12.98"	W090° 04' 17.67"	-4.09	CONT.
1023	403437.12	3681858.93	N029° 36' 11.86"	W090° 04' 17.01"	-3.90	CONT.
1025	403270.64	3681946.91	N029° 36' 10.20"	W090° 04' 16.03"	-3.99	CONT.
1027	403058.06	3682056.80	N029° 36' 08.08"	W090° 04' 14.81"	-4.67	CONT.
1029	402852.88	3682162.20	N029° 36' 06.04"	W090° 04' 13.65"	-3.88	CONT.
1031	402677.55	3682255.54	N029° 36' 04.30"	W090° 04' 12.61"	-4.56	CONT.
1033	402509.30	3682346.51	N029° 36' 02.62"	W090° 04' 11.60"	-5.99	END
4" Central Crude Pipeline						
1001	404828.00	3681103.65	N029° 36' 25.71"	W090° 04' 25.39"	-8.03	END
1004	404538.61	3681252.85	N029° 36' 22.83"	W090° 04' 23.74"	-4.19	CONT.
1006	404398.01	3681330.91	N029° 36' 21.43"	W090° 04' 22.87"	-5.10	CONT.
1008	404279.37	3681398.00	N029° 36' 20.25"	W090° 04' 22.12"	-4.14	CONT.
1010	404146.60	3681469.36	N029° 36' 18.92"	W090° 04' 21.33"	-4.00	CONT.
1012	404020.85	3681535.96	N029° 36' 17.67"	W090° 04' 20.59"	-4.27	CONT.
1014	403934.77	3681581.08	N029° 36' 16.81"	W090° 04' 20.09"	-4.66	CONT.
1016	403828.69	3681633.79	N029° 36' 15.76"	W090° 04' 19.51"	-3.97	CONT.
1018	403737.34	3681681.38	N029° 36' 14.85"	W090° 04' 18.98"	-3.92	CONT.
1020	403636.60	3681737.44	N029° 36' 13.85"	W090° 04' 18.36"	-4.07	CONT.
1022	403555.14	3681783.58	N029° 36' 13.03"	W090° 04' 17.85"	-3.85	CONT.
1024	403434.61	3681844.13	N029° 36' 11.83"	W090° 04' 17.18"	-4.34	CONT.
1026	403266.59	3681925.56	N029° 36' 10.16"	W090° 04' 16.27"	-4.04	CONT.
1028	403052.45	3682038.06	N029° 36' 08.03"	W090° 04' 15.03"	-5.47	CONT.
1030	402850.04	3682145.98	N029° 36' 06.02"	W090° 04' 13.83"	-3.25	CONT.
1032	402672.92	3682241.68	N029° 36' 04.25"	W090° 04' 12.77"	-4.24	CONT.
1034	402508.01	3682333.23	N029° 36' 02.61"	W090° 04' 11.75"	-4.95	END
18" Plains Pipeline						
1035	402880.40	3682001.08	N029° 36' 06.33"	W090° 04' 15.47"	-2.93	END
1036	403022.55	3682107.08	N029° 36' 07.73"	W090° 04' 14.25"	-9.84	CONT.
1037	403155.38	3682202.70	N029° 36' 09.03"	W090° 04' 13.15"	-6.78	CONT.
1038	403326.26	3682324.35	N029° 36' 10.71"	W090° 04' 11.75"	-7.32	CONT.
1039	403476.21	3682423.14	N029° 36' 12.18"	W090° 04' 10.61"	-6.90	CONT.
1040	403665.05	3682526.02	N029° 36' 14.04"	W090° 04' 09.42"	-4.72	CONT.
1041	403854.18	3682615.66	N029° 36' 15.90"	W090° 04' 08.38"	-5.15	CONT.
1042	404042.64	3682685.94	N029° 36' 17.76"	W090° 04' 07.56"	-5.67	CONT.
1043	404231.63	3682745.16	N029° 36' 19.63"	W090° 04' 06.87"	-5.20	CONT.
1044	404438.26	3682801.31	N029° 36' 21.67"	W090° 04' 06.21"	-5.24	CONT.
1045	404647.61	3682830.93	N029° 36' 23.73"	W090° 04' 05.85"	-5.16	CONT.
1046	404868.10	3682858.56	N029° 36' 25.91"	W090° 04' 05.51"	-5.26	CONT.
1047	405055.09	3682876.64	N029° 36' 27.76"	W090° 04' 05.28"	-5.92	END

Area A Point Table						
Midstream Pipeline						
Point #	Northing	Easting	Latitude	Longitude	T.O.P. EL.(Ft.)	DESC.
1050	405036.52	3682781.64	N029° 36' 27.59"	W090° 04' 06.36"	-5.25	END
1051	404872.49	3682763.94	N029° 36' 25.97"	W090° 04' 06.58"	-5.59	CONT.
1052	404644.42	3682750.72	N029° 36' 23.71"	W090° 04' 06.76"	-5.11	CONT.
1053	404472.86	3682743.84	N029° 36' 22.01"	W090° 04' 06.85"	-9.08	CONT.
1054	404294.76	3682734.33	N029° 36' 20.25"	W090° 04' 06.98"	-9.38	CONT.
1055	404140.08	3682727.68	N029° 36' 18.72"	W090° 04' 07.08"	-10.61	CONT.
1056	403954.64	3682722.31	N029° 36' 16.89"	W090° 04' 07.16"	-10.40	CONT.
1057	403704.14	3682708.84	N029° 36' 14.41"	W090° 04' 07.35"	-9.92	CONT.
1058	403554.26	3682700.05	N029° 36' 12.93"	W090° 04' 07.47"	-10.39	CONT.
1059	403412.34	3682694.20	N029° 36' 11.52"	W090° 04' 07.55"	-10.32	CONT.
1060	403303.72	3682689.15	N029° 36' 10.45"	W090° 04' 07.62"	-11.35	CONT.
1061	402696.99	3682662.41	N029° 36' 04.44"	W090° 04' 08.00"	-6.39	CONT.
1062	402480.50	3682651.92	N029° 36' 02.30"	W090° 04' 08.15"	-5.72	END
2" Flowline						
1069	402977.94	3685445.21	N029° 36' 06.92"	W090° 03' 36.44"	-1.60	END
1070	403001.09	3685343.18	N029° 36' 07.16"	W090° 03' 37.60"	-1.00	CONT.
1071	403025.07	3685249.50	N029° 36' 07.41"	W090° 03' 38.65"	-1.42	CONT.
1072	403060.02	3685112.77	N029° 36' 07.77"	W090° 03' 40.20"	-0.90	CONT.
1077	402956.13	3685538.69	N029° 36' 06.69"	W090° 03' 35.39"	-0.03	CONT.
1078	402918.62	3685752.64	N029° 36' 06.30"	W090° 03' 32.97"	-1.00	CONT.
1079	402893.02	3685943.46	N029° 36' 06.02"	W090° 03' 30.81"	-1.12	CONT.
1080	402889.81	3685970.07	N029° 36' 05.99"	W090° 03' 30.51"	-1.16	END
1140	404589.97	3687327.48	N029° 36' 22.67"	W090° 03' 14.92"	-0.72	END
1141	404422.69	3687311.63	N029° 36' 21.02"	W090° 03' 15.12"	-1.43	CONT.
1142	404264.58	3687309.47	N029° 36' 19.45"	W090° 03' 15.16"	-0.13	END
Exposed Flowline						
1081	403316.87	3686961.29	N029° 36' 10.11"	W090° 03' 19.23"	-0.22	END
1082	403306.44	3687113.84	N029° 36' 09.99"	W090° 03' 17.50"	-0.47	CONT.
1083	403299.97	3687245.94	N029° 36' 09.91"	W090° 03' 16.00"	-0.24	CONT.
1084	403183.36	3687248.23	N029° 36' 08.75"	W090° 03' 15.99"	0.58	CONT.
1085	403085.88	3687245.15	N029° 36' 07.79"	W090° 03' 16.04"	2.39	CONT.
1086	402988.23	3687240.97	N029° 36' 06.82"	W090° 03' 16.10"	-0.32	END
3" Flowlines						
1063	403115.56	3684853.58	N029° 36' 08.35"	W090° 03' 43.13"	-0.68	END
1064	403067.21	3684702.98	N029° 36' 07.89"	W090° 03' 44.84"	-1.06	CONT.
1065	403019.51	3684516.46	N029° 36' 07.43"	W090° 03' 46.96"	-1.20	CONT.
1066	402975.36	3684362.25	N029° 36' 07.01"	W090° 03' 48.71"	-1.75	CONT.
1067	402778.84	3684367.12	N029° 36' 05.07"	W090° 03' 48.68"	-0.88	CONT.
1068	402582.08	3684370.16	N029° 36' 03.12"	W090° 03' 48.67"	-0.60	END
1087	403438.33	3686878.96	N029° 36' 11.32"	W090° 03' 20.14"	-0.84	END
1088	403442.85	3686900.88	N029° 36' 11.36"	W090° 03' 19.89"	-0.81	END
1089	403452.47	3687136.93	N029° 36' 11.43"	W090° 03' 17.22"	-1.46	END
1090	403475.41	3687134.13	N029° 36' 11.66"	W090° 03' 17.25"	-0.78	CONT.
1091	403494.33	3687131.27	N029° 36' 11.85"	W090° 03' 17.28"	-2.33	END
1092	403398.52	3687256.80	N029° 36' 10.88"	W090° 03' 15.87"	-0.63	END
1093	403446.64	3687257.98	N029° 36' 11.36"	W090° 03' 15.85"	-0.28	CONT.
1094	403477.90	3687259.14	N029° 36' 11.67"	W090° 03' 15.83"	-1.47	END
1099	403521.59	3687508.18	N029° 36' 12.07"	W090° 03' 13.01"	-1.19	END
1100	403458.96	3687522.43	N029° 36' 11.45"	W090° 03' 12.85"	-0.51	END

Area A Point Table						
3" Flowlines Cont.						
Point #	Northing	Easting	Latitude	Longitude	T.O.P. EL.(Ft.)	DESC.
1101	402549.08	3687170.22	N029° 36' 02.48"	W090° 03' 16.96"	2.27	END
1102	402565.48	3687170.00	N029° 36' 02.65"	W090° 03' 16.96"	-4.35	CONT.
1103	402623.73	3687171.83	N029° 36' 03.22"	W090° 03' 16.93"	-9.96	CONT.
1104	402693.88	3687170.34	N029° 36' 03.92"	W090° 03' 16.94"	-4.23	CONT.
1105	402719.16	3687170.11	N029° 36' 04.17"	W090° 03' 16.94"	4.12	END
1106	402489.55	3687564.15	N029° 36' 01.85"	W090° 03' 12.50"	-0.78	END
1107	402717.55	3687564.10	N029° 36' 04.11"	W090° 03' 12.47"	-2.05	CONT.
1108	402943.50	3687559.73	N029° 36' 06.35"	W090° 03' 12.49"	-0.94	CONT.
1109	403169.69	3687559.35	N029° 36' 08.58"	W090° 03' 12.47"	-0.96	CONT.
1110	403410.78	3687561.03	N029° 36' 10.97"	W090° 03' 12.42"	-0.26	CONT.
1111	403670.74	3687575.25	N029° 36' 13.54"	W090° 03' 12.23"	0.48	CONT.
1112	403875.62	3687568.77	N029° 36' 15.57"	W090° 03' 12.27"	-0.11	CONT.
1113	404071.22	3687578.17	N029° 36' 17.51"	W090° 03' 12.14"	-1.56	CONT.
1114	404256.64	3687587.88	N029° 36' 19.34"	W090° 03' 12.01"	-0.49	CONT.
1115	404453.60	3687598.68	N029° 36' 21.29"	W090° 03' 11.86"	-0.89	CONT.
1116	404662.56	3687607.66	N029° 36' 23.36"	W090° 03' 11.73"	-1.07	CONT.
1117	404885.89	3687628.47	N029° 36' 25.57"	W090° 03' 11.47"	-0.89	CONT.
1118	405097.06	3687653.34	N029° 36' 27.65"	W090° 03' 11.16"	-0.85	CONT.
1119	405309.33	3687678.91	N029° 36' 29.75"	W090° 03' 10.85"	-1.08	CONT.
1120	405521.65	3687694.73	N029° 36' 31.85"	W090° 03' 10.64"	-0.51	CONT.
1121	405534.51	3687694.94	N029° 36' 31.98"	W090° 03' 10.64"	-0.65	END
1122	405508.54	3687618.80	N029° 36' 31.73"	W090° 03' 11.50"	-0.39	END
1123	405286.56	3687610.43	N029° 36' 29.53"	W090° 03' 11.62"	0.12	CONT.
1124	405223.42	3687604.42	N029° 36' 28.91"	W090° 03' 11.70"	-0.50	CONT.
1125	405065.81	3687577.93	N029° 36' 27.35"	W090° 03' 12.02"	-0.48	END
1127	404921.96	3685499.12	N029° 36' 26.16"	W090° 03' 35.59"	0.68	END
1128	404922.32	3685569.44	N029° 36' 26.15"	W090° 03' 34.79"	-0.48	CONT.
1129	404753.29	3685566.45	N029° 36' 24.48"	W090° 03' 34.85"	-0.83	CONT.
1130	404747.53	3685561.80	N029° 36' 24.41"	W090° 03' 33.77"	-1.16	CONT.
1131	404741.02	3685798.10	N029° 36' 24.33"	W090° 03' 32.22"	-1.51	CONT.
1132	404733.07	3685934.39	N029° 36' 24.24"	W090° 03' 30.68"	-1.57	CONT.
1133	404724.68	3686020.23	N029° 36' 24.15"	W090° 03' 29.71"	-1.33	CONT.
1134	404723.81	3686137.30	N029° 36' 24.13"	W090° 03' 28.38"	-0.90	END
1135	404547.58	3686687.13	N029° 36' 22.32"	W090° 03' 22.18"	-0.14	END
1136	404578.46	3686698.32	N029° 36' 22.63"	W090° 03' 22.05"	-0.66	CONT.
1137	404588.55	3686699.38	N029° 36' 22.73"	W090° 03' 22.03"	-0.55	CONT.
1138	404634.86	3686694.30	N029° 36' 23.18"	W090° 03' 22.08"	-0.42	END
1139	404484.07	3687317.30	N029° 36' 21.62"	W090° 03' 15.05"	0.48	CONT.
1143	403793.90	3687273.97	N029° 36' 14.80"	W090° 03' 15.62"	-0.68	CONT.
1144	403909.24	3687277.84	N029° 36' 15.94"	W090° 03' 15.57"	-0.82	CONT.
1145	404016.46	3687280.68	N029° 36' 17.00"	W090° 03' 15.52"	-0.66	CONT.
1146	404135.77	3687284.02	N029° 36' 18.18"	W090° 03' 15.47"	0.21	CONT.
1147	404249.77	3687288.42	N029° 36' 19.31"	W090° 03' 15.40"	-0.58	CONT.
1148	404367.47	3687292.02	N029° 36' 20.47"	W090° 03' 15.35"	-1.33	CONT.
1149	404486.58	3687293.08	N029° 36' 21.65"	W090° 03' 15.32"	-1.12	CONT.
1150	404612.61	3687297.34	N029° 36' 22.90"	W090° 03' 15.26"	-1.48	CONT.
1151	404669.76	3687291.25	N029° 36' 23.46"	W090° 03' 15.32"	-0.71	END



Area B Point Table						
Old Flowlines						
Point #	Northing	Easting	Latitude	Longitude	T.O.P. EL.(Ft.)	DESC.
999	406527.83	3687124.64	N029° 36' 41.88"	W090° 03' 16.97"	0.97	TRASH
1171	405761.49	3687590.10	N029° 36' 34.24"	W090° 03' 11.79"	-1.55	END
1172	405832.92	3687611.62	N029° 36' 34.94"	W090° 03' 11.54"	-1.22	CONT.
1173	405937.96	3687658.73	N029° 36' 35.98"	W090° 03' 10.99"	-2.56	CONT.
1174	406017.05	3687694.06	N029° 36' 36.76"	W090° 03' 10.58"	-2.68	CONT.
1175	406114.57	3687739.30	N029° 36' 37.72"	W090° 03' 10.06"	-2.57	CONT.
1176	406230.66	3687795.26	N029° 36' 38.86"	W090° 03' 09.41"	-2.65	CONT.
1177	406341.99	3687860.99	N029° 36' 39.95"	W090° 03' 08.65"	-2.64	CONT.
1178	406427.24	3687897.92	N029° 36' 40.79"	W090° 03' 08.22"	-2.55	CONT.
1179	406541.33	3687971.18	N029° 36' 41.92"	W090° 03' 07.38"	-2.38	CONT.
1180	406625.45	3688023.31	N029° 36' 42.74"	W090° 03' 06.78"	-2.08	CONT.
1181	406760.62	3688111.47	N029° 36' 44.07"	W090° 03' 05.76"	0.98	CONT.
1182	406800.57	3688141.35	N029° 36' 44.46"	W090° 03' 05.42"	0.24	CONT.
1183	406876.29	3688128.36	N029° 36' 45.21"	W090° 03' 05.56"	2.75	END
1184	405961.64	3687560.69	N029° 36' 36.22"	W090° 03' 12.10"	-2.64	CONT.
1185	405892.46	3687558.70	N029° 36' 35.54"	W090° 03' 12.13"	-2.47	CONT.
1186	405848.19	3687560.99	N029° 36' 35.10"	W090° 03' 12.11"	-2.17	CONT.
1187	405816.16	3687566.54	N029° 36' 34.78"	W090° 03' 12.05"	-2.08	END
1188	406073.63	3687564.26	N029° 36' 37.33"	W090° 03' 12.05"	-2.35	CONT.
1189	406210.83	3687560.61	N029° 36' 38.69"	W090° 03' 12.07"	-1.99	CONT.
1190	406353.68	3687556.52	N029° 36' 40.10"	W090° 03' 12.10"	-1.64	CONT.
1191	406533.50	3687555.39	N029° 36' 41.88"	W090° 03' 12.09"	-1.84	CONT.
1192	406701.27	3687552.94	N029° 36' 43.54"	W090° 03' 12.10"	-1.52	CONT.
1193	406754.89	3687569.01	N029° 36' 44.07"	W090° 03' 11.91"	-0.83	CONT.
1194	406888.20	3687632.76	N029° 36' 45.39"	W090° 03' 11.17"	-2.42	END
1195	407129.47	3687622.96	N029° 36' 47.78"	W090° 03' 11.25"	-1.75	END
1196	407164.13	3687600.27	N029° 36' 48.12"	W090° 03' 11.50"	0.42	END
1197	406825.01	3687626.79	N029° 36' 44.76"	W090° 03' 11.24"	-0.70	END
1198	406809.45	3687743.51	N029° 36' 44.59"	W090° 03' 09.92"	0.21	CONT.
1199	406776.09	3687895.87	N029° 36' 44.25"	W090° 03' 08.20"	0.24	CONT.
1200	406777.43	3688025.03	N029° 36' 44.25"	W090° 03' 06.74"	0.50	CONT.
1201	406786.65	3688125.24	N029° 36' 44.33"	W090° 03' 05.60"	-0.02	END
1202	407028.04	3689628.98	N029° 36' 46.55"	W090° 02' 48.54"	0.16	TRASH
1203	406804.23	3689168.08	N029° 36' 44.39"	W090° 02' 53.79"	-1.77	END
1204	406802.11	3689151.02	N029° 36' 44.37"	W090° 02' 53.98"	-1.30	END
1205	407031.18	3690089.52	N029° 36' 46.53"	W090° 02' 43.32"	-0.74	END
1206	407056.88	3690306.95	N029° 36' 46.76"	W090° 02' 40.85"	-1.65	CONT.
1207	407095.17	3690499.31	N029° 36' 47.12"	W090° 02' 38.67"	-1.08	CONT.
1208	407105.77	3690586.24	N029° 36' 47.21"	W090° 02' 37.68"	-0.88	CONT.
1209	407113.11	3690781.00	N029° 36' 47.26"	W090° 02' 35.47"	-0.85	CONT.
1210	407116.63	3690970.76	N029° 36' 47.28"	W090° 02' 33.32"	-1.45	CONT.
1211	407113.87	3691110.33	N029° 36' 47.23"	W090° 02' 31.74"	-0.60	CONT.
1212	407094.16	3691255.58	N029° 36' 47.02"	W090° 02' 30.10"	-2.50	END
1213	407259.88	3691121.75	N029° 36' 48.68"	W090° 02' 31.60"	0.31	TRASH
1214	407396.67	3691163.17	N029° 36' 50.03"	W090° 02' 31.11"	-0.52	UNKNOWN
1215	408485.22	3688314.40	N029° 37' 01.12"	W090° 03' 03.24"	0.15	TRASH

Area C Point Table						
Point #	Northing	Easting	Latitude	Longitude	TOP EL. (FL)	DESC.
1216	408935.07	3695630.01	N029° 37' 04.76"	W090° 01' 40.31"	-6.86	WELL
1217	409444.19	3697127.59	N029° 37' 09.63"	W090° 01' 23.27"	1.53	SHEET METAL
1218	407567.73	3693133.45	N029° 36' 51.50"	W090° 02' 08.77"	-0.84	END
1219	407560.36	3693142.29	N029° 36' 51.43"	W090° 02' 08.67"	-1.08	END

Area F Point Table						
Point #	Northing	Easting	Latitude	Longitude	TOP EL. (FL)	DESC.
1074	417660.94	3689751.06	N029° 38' 31.79"	W090° 02' 45.80"	?	18" PLAINS P/L
1075	415327.57	3689876.54	N029° 38' 08.68"	W090° 02' 44.68"	-3.16	TRASH
1076	415337.45	3689861.93	N029° 38' 08.78"	W090° 02' 44.84"	-2.81	TRASH

Area G Point Table						
Point #	Northing	Easting	Latitude	Longitude	TOP EL. (FL)	DESC.
1073	419363.77	3696646.59	N029° 38' 47.87"	W090° 01' 27.44"	0.08	VERTICAL PIPE BROKEN AT MUD LINE
1221	417824.71	3699754.56	N029° 38' 32.29"	W090° 00' 52.42"	1.51	2" VERTICAL PIPE
1222	418354.24	3698251.89	N029° 38' 37.70"	W090° 01' 09.38"	0.45	2" VERTICAL PIPE
1223	419152.08	3697329.85	N029° 38' 45.70"	W090° 01' 19.72"	0.20	1" METAL ROD

						COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801		Mississippi River Long Distance Sediment Pipeline Project		PIPELINE INVESTIGATION POINT CHART SHEET 2 OF 2	
								STATE PROJECT NUMBER:			
								FEDERAL PROJECT NUMBER: BA-43EB		DATE: 1 DEC 2011	
						DRAWN BY: KMB		DESIGNED BY: BJK		APPROVED BY: BJK	
	REV.	DATE	DESCRIPTION			BY					SHEET 12 OF 12



Office of Coastal Protection and Restoration

# ***Survey Report***

## **TOPOGRAPHIC, BATHYMETRIC, AND MAGNETOMETER SURVEY**

**Bayou Dupont Marsh Creation and Ridge Restoration Project  
(BA-48)  
Jefferson Parish, LA**

**DNR Contract # 2503-08-18  
OCR Contract # 435-800698**



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**Thursday, December 04, 2008**

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## ***1.0 Project Description and Overview***

### **1.1 PROJECT DESCRIPTION**

This task order consisted of taking detailed topographic, bathymetric and magnetometer surveys of proposed fill areas and Bayou Dupont, an area primarily composed of open water and broken marsh to be restored by the proposed [Bayou Dupont Marsh Creation and Ridge Restoration Project \(BA-48\)](#). In addition the contracting party also obtained Right of Entry to conduct the survey using information provided by the client in section 4.1 of the [Scope of Work](#). Specifications for the work called for elevation measurements to be taken at 25' intervals along transects spaced 400' apart or in along and across specified channels within the project area. Magnetometer readings were taken along transects in a grid pattern spaced 800' apart.

Notice to proceed was received by PBS&J on September 22<sup>nd</sup>, 2007 and fieldwork began on October 6<sup>th</sup>, 2007. All fieldwork was completed on October 31<sup>st</sup>, 2007. Detailed descriptions of the processes and methodologies used in the collection of the data are documented in the [Methodology](#) section.

Field personnel involved in the collection of the data were: Jamie Bordelon, PLS, Bob Gearhart, Amy Borgens, Matt Basham, Ryan Schuermann, and Doug Jones. Office personnel involved were James Stevenson and Sara Hoskins. James Stevenson served as Project Manager and assisted in preparing and reviewing final deliverables. Jamie Bordelon served as the projects PLS and Field Crew Chief. Bob Gearhart served as the Senior Scientist collecting and analyzing bathymetric and magnetometer data. He was assisted by Doug Jones, Amy Borgens, Ryan Schuermann. Matt Basham and Amy Borgens served as Rodmen and survey assistants for the survey control acquisition and topographic survey data collection.





## 1.2 VICINITY MAP





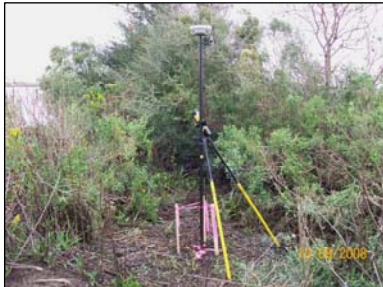
## 2.0 Survey Methodology

### 2.1 CHECKING AND ESTABLISHING CONTROL

Establishing survey control near the jobsite was first priority upon arrival. Having control onsite prevented the use of excessive time and fuel that would have been spent running to the distant DNR control daily. This also keeps the equipment close to the crew if any maintenance is required. The published DNR monument **BA23-SM-02** was found and used as the first primary benchmark for establishing control. The deep rod monument was occupied by the RTK GPS base receiver and an initial check was made into the DNR monument **BA41-SM-01**. Once a satisfactory tie was made, the crew proceeded to the site to establish nearby control and a tide staff gauge.



DNR monument BA41-SM-01



TBM MATT on ridge near T-38

A local control point consisting of a 48" rebar with cap was set in the clearing of a ridge near transect line T-38 and was named "**TBM MATT**." The high ground proved to be stable enough to establish a usable control point without settlement. Using the current base setup on **BA23-AM-02**, a measurement was taken on the set rebar using a three (3) minute observed control procedure. A quick 5 second measurement followed as a check which showed a tie of less the 0.05'. This point was used through out the survey for RTK GPS control for all topographic measurements taken.



Found DNR staff gauge

A tide staff gauge set by DNR on a previous survey was found near the newly set TBM MATT. Using the same GPS set-up, several measurements were taken to validate the accuracy of the gauge for use in post-processing bathymetric data. The top of the 4"x4" post was measured as well as the reference nail and the 3.33' mark of the staff gauge itself. An error of +0.20' was discovered on the gauge which may be due to movement of the 4"x4" post. This offset was to be used for adjusting gauge readings used in future post processing tasks.



Set staff gauge BEFORE

The final task for setting control was the establishment of a tide staff gauge according to the scope of work and following the specs found in A

*Contractor's Guide to Minimum Standards* dated May, 2007. An area near the northernmost area of the site was chosen for setting a gauge providing two staff gauges set on opposite ends of the project. A 4"x4" post 12 feet in length was driven



Set staff gauge AFTER

down in shallow water to a level that allowed adequate adjustment of the staff gauge. A 5 second topographic measurement was made followed by a 3 minute observed control measurement according the Contractor's Guide. The two measurements were within 0.05' of each other and within specifications. From the top of the post, measurements were made using a steel tape to the 3.0' mark and the 4.0' mark for setting the ceramic coated staff gauge using stainless steel lag bolts, and a reference nail respectfully. Locations for all control points are detailed in the project drawings on Sheet 3.

Approximately a week after establishing the staff gauge as required by the scope of work, it was discovered destroyed under the presumption that a local fisherman utilized the 4"x4" post as an anchor point. The gauge has now been rendered "destroyed" and should be excluded from any further use on the project. The material may possibly be recovered and reset if requested by CPRA.

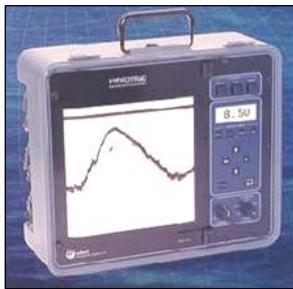
## **2.2 BATHYMETRY SURVEY**

In the deeper waters located on the project, electronic sounding equipment was used to collect bathymetry data. Using this method allowed for a quick and efficient way to collect an accurate dataset that would fit seamlessly with the topographic data taken on land.

An Odom Hydrotrack single beam system using a single frequency transducer and a Trimble DGPS navigation system was used to run the transect lines where there were sufficient depths, such as the areas within Bayou Dupont and in the marsh areas that allowed for enough draft. An initial bar check was completed to check for proper functionality of the sounding equipment. A paper scroll was also recorded throughout the data collection to provide quality control checks in the data processing.



Bathymetry Track Examples



Odom Hydrotrack

Data was processed removing any unusable soundings and then tide corrected using daily reading from both the DNR and set staff gauges. An offset of +0.20' was added to the DNR gauge to correct for measurements taken while establishing survey control. Data points were extracted at 5 foot intervals to match and surpass the required 25 foot interval in the project scope, and then exported in ASCII format for incorporation into the final drawings.

## **2.3 MAGNETOMETER SURVEY**

A magnetometer remote-sensing survey was conducted in accordance with the scope of work. Instrumentation used for the survey included a Geometrics G882 cesium magnetometer and a Trimble DGPS navigation system. The survey was conducted along the projected lines provided by the CPRA in the project scope. These lines included the centerline of Bayou Dupont and the parallel transects spaced 800 feet apart crossing each other perpendicular and forming a survey grid across the entire project area.



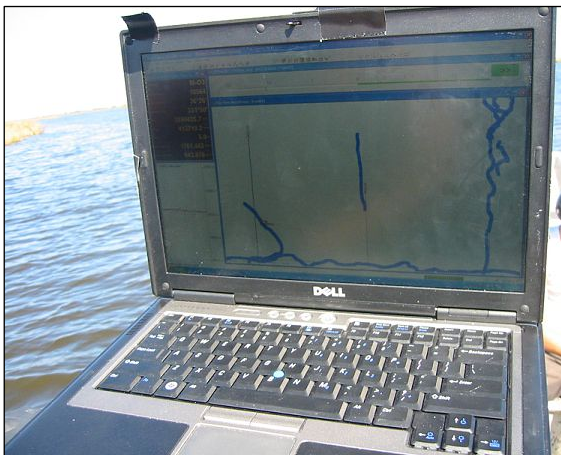
Magnetometer Sled

To successfully deploy the magnetometer equipment in the shallow areas of the marsh, a sled was constructed of heavy duty PVC to support the sensor and keep it on top of the water and approximately 57 feet behind the boat. The sled not only kept the magnetometer "fish" above the mud-line in the shallows, but it was also able to climb onto the marsh itself, allowing the airboat to navigate the proposed survey lines as closely as possible. In deeper water, the standard twin engine boat used for bathymetry was also used to tow the magnetometer along survey lines.

Magnetometer readings were recorded along each transect at a rate of 1 per second while the survey vessel speed did not exceed 4.5 knots. This provided a horizontal, in-line sample interval of less than 7.6 feet. Trimble HydroPro navigation software was used to navigate survey lines with the aid of geo-referenced aerial photography. Throughout the survey, the crew noted visible sources of magnetic anomalies as they were passed during the course of the survey to support data processing and analysis.

The initial magnetometer survey located 60 magnetic anomalies. In accordance with the scope of work, additional magnetometer data was acquired along closed-loops around these original findings. The original locations of those anomalies have been delineated and numbered to be incorporated into the final drawings, while additional anomalies found by boxing in the original were found to be insignificant and not assigned numbers. Bayou Dupont contains abundant small debris anomalies, as would be expected from the fact that it is a common local fishing destination and receives frequent small boat traffic.

Total peak-to-peak amplitude, maximum recorded width, position and source of each anomaly from the initial survey are included in table format in the final drawings. Four anomalies mark the locations of possible petroleum wells; however, no surface indications of wells, other than access canals, were visible at the time of the survey. Four anomalies were determined to be noise



Trimble Hydropro on airboat

spikes, and two others are incorporated within one of the possible well anomalies. The remaining 48 anomalies are associated with ferrous debris. Prior PBS&J surveys over small-diameter pipelines in similar marsh environments has yielded magnetic anomalies ranging in total amplitude from 150-3700 nanoTeslas (nT) and ranging in width from 80-300 feet (measured above the 5-nT contour level). Only four anomalies from the present survey, those suspected of marking petroleum wells, exceed the amplitude and width expected of small-diameter pipeline anomalies in this environment, and no evidence of sustained linear anomaly

patterns were observed. PBS&J concludes that no evidence of ferrous pipelines is indicated by interpretation of the magnetometer data, thus no probing was required. PBS&J and JB&A make no claims as to the possible presence or absence of non-ferrous pipelines.



Magnetometer Sled Under Tow



## **2.4 TOPOGRAPHIC & MARSH/RIDGE ELEVATION SURVEYS**

RTK GPS was used to collect topographic measurements at the required 25 foot interval along the transect lines provided. TBM MATT set on site was used as the primary control point for collecting the data. A special foot for the survey rod was constructed using stainless steel hardware and a hard PVC household drain-cover. The diameter exceeded the required 6 inches which kept the point of the survey rod on top of the soft mud rather than sinking below and rendering inaccurate measurements.

Using the field data collector for navigation, an airboat was used to follow the transect lines spaced at 400 foot intervals in shallow marsh areas. The party chief took measurements using the wireless system while aiding the driver in navigation while the rod-man sat on the bow facing the rear of the boat placing the rod over the side when shots were needed. Sounding shots were taken across shallow pools where the electronic sounding equipment could not function properly. When marsh was encountered, a final sounding shot at the toe of the marsh was taken followed by an actual marsh shot at the top edge. Marsh shots followed at 25 foot intervals up to the edge of the next pool of water. The procedure was used throughout making sure that marsh shots were taken on top of the existing root bed.



"Foot" used for topographic shots

Where transect lines crossed the higher ground of ridges found on the site, the party chief and rod-man left the airboat to take measurement on foot. Often times an extended survey rod was sufficient in keeping the GPS antenna above the short trees growing on the ridge. Other areas required minimal clearing to achieve antenna clearance.



Marsh Cover Probing

Marsh and ridge elevation surveys were completed following the specifications outlined in the scope of work. The 6 inch "foot" was removed from the survey rod and replaced with a standard survey point. Using the GPS data collector, the airboat was used to navigate to the areas provided on the scope of work. A grid pattern was maintained as closely as possible taking measurements on individual pods of marsh grass. The rod-man used the weight of the survey rod to allow the point of the rod to set on top of the root bed below the living stems of these grass pods. Often times in some areas, the bare ground of the marsh was exposed and measured due to the lack of sufficient living marsh. In no areas of marsh encountered was it necessary to trim or chop the tops of

these living grass pods for proper measurement.

Data was downloaded and checked for quality on a daily basis. Coverage was analyzed and gaps greater than 25 feet were marked for filling on the following day. Rod heights were also checked and verified with field notes throughout the survey.



Marsh elevation at ME-2

## ***3.0 Summary of Results***

### **3.1 TOPOGRAPHIC AND BATHYMETRIC SURVEY**

At the specified intervals for data collection, data from some 12,306 points were captured. The lowest channel depth recorded was -13 feet, the highest ground elevation was 4.314 feet above average mean sea level (AMSL). Of these points only 1,121 were more than 1' AMSL, 6,994 were more than 1' below AMSL and 3,811 were within 1' of AMSL. Bayou Dupont itself had depth ranges varying from -0.3' to -13.0'. The average depth of the channel was -6.72' AMSL.

### **3.2 MAGNETOMETER SURVEY**

The magnetometer survey located a total of 60 anomalies, 4 of which turned out to be noise and were ruled out. 51 anomalies were determined to be buried (or submerged) debris, 2 of which were multiple anomalies that were closely spaced together with each counted as a single anomaly for reporting purposes. There were 4 possible well sites detected which will bear further investigation. All anomalies are noted in the drawings with tabular locations for all anomalies; see Sheet 6 of the survey drawings.

### **3.3 MARSH AND RIDGE ELEVATION SURVEY**

A total of 96 points were surveyed for the Average Marsh Elevation points specified by the client. The average elevation for all points was 1.5' AMSL. The high point was 2.1' and the low point was found to be 1.0'. For the Average Ridge Elevation, 86 points were surveyed. The average elevation was 1.97'. The high point was 4.1' and the low point was 0.9'.



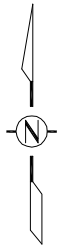
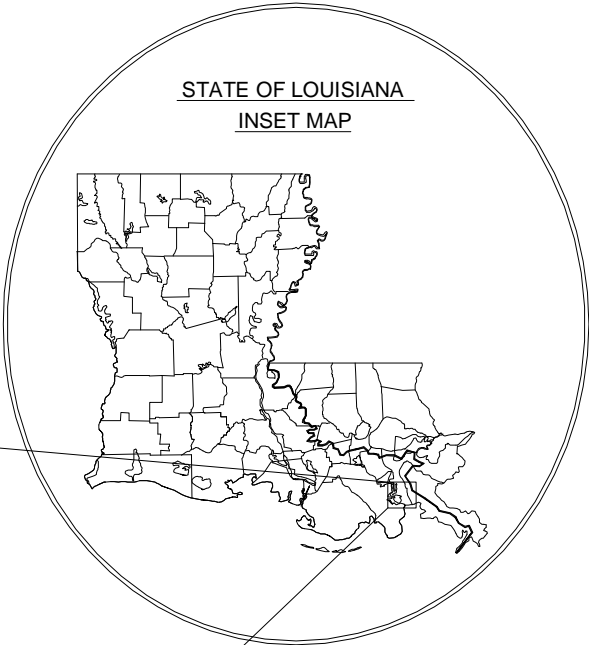
## ***4.0 Project Drawings***

STATE OF LOUISIANA  
COASTAL PROTECTION AND  
RESTORATION AUTHORITY

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SHEET NO.	DESCRIPTION
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2	GENERAL NOTES
3	BAYOU DUPONT VICINTIY
4	MAGNETOMETER SURVEY TRANSECTS
5	MAGNETOMETER SURVEY TRACK LINES
6	MAGNETOMETER ANOMALIES MAP
7	MAGNETOMETER ANOMALIES REFERENCE TABLE
8	TOPOGRAPHIC TRANSECT LINES VICINITY MAP
9-31	TOPOGRAPHIC TRANSECT PLAN AND PROFILE VIEWS
32	MARSH AND RIDGE ELEVATION SURVEYS VICINITY MAP
33-36	MARSH AND RIDGE ELEVATION SURVEYS PLAN VIEW AND TABLES
37	GOVERNMENT PROVIDED DATA TABLES

BAYOU DUPONT MARSH CREATION &  
RIDGE RESTORATION PROJECT  
BA-48  
JEFFERSON PARISH, LA



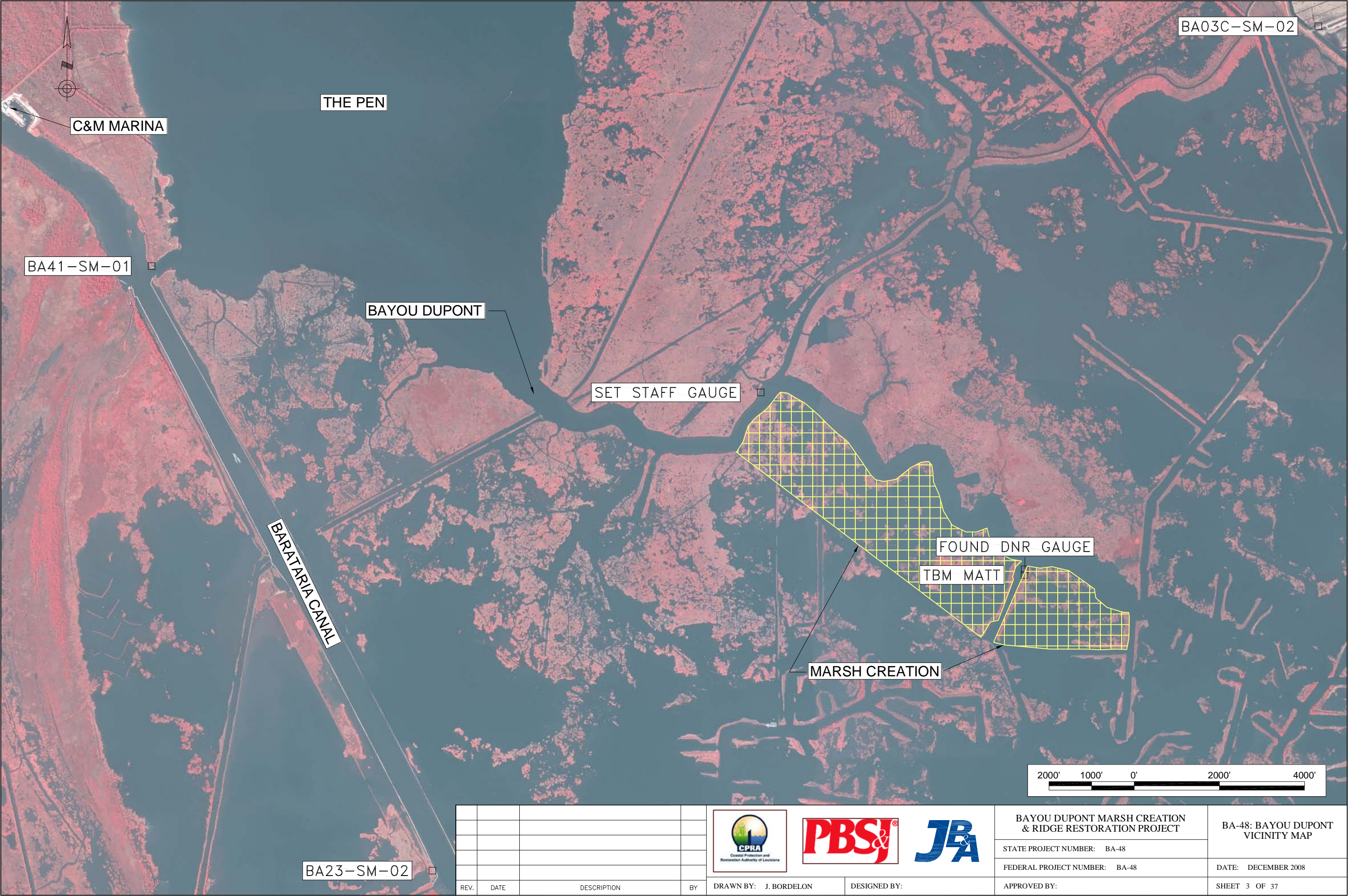
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				STATE PROJECT NUMBER: BA-48			
				FEDERAL PROJECT NUMBER: BA-48		DATE: DECEMBER 2008	
REV.	DATE	DESCRIPTION	BY	DRAWN BY: J. BORDELON	DESIGNED BY:	APPROVED BY:	SHEET 1 OF 37

GENERAL NOTES:

1. ALL ELEVATIONS GIVEN ARE IN THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) U.S. SURVEY FEET. ALL HORIZONTAL COORDINATES ARE GIVEN IN NORTH AMERICAN DATUM OF 1983 (NAD 83, LOUISIANA STATE PLANE GRID COORDINATES,SOUTH ZONE, FEET).
2. SURVEY CONTROL WAS PROVIDED BY CPRA AND USED EXCLUSIVELY FOR ESTABLISHING TEMPORARY CONTROL ON SITE AND FOR TAKING ALL TOPOGRAPHIC MEASUREMENTS. CPRA ELEVATIONS WERE DERIVED FROM GPS COORDINATES AND ARE BASED ON GEOID 99. FOR COMPATIBILITY, GEOID 99 WAS USED ON ALL TOPOGRAPHIC MEASUREMENTS AND CONTROL POINTS SET.
3. TIDE STAFF GAUGE READINGS WERE RECORDED DURING BATHYMETRIC SURVEYS FOR POST PROCESSING. AN OFFSET WAS APPLIED TO THE EXISTING CPRA STAFF GAUGE REFLECTING THE ERROR FOUND WHEN CHECKING FOR GAUGE ACCURACY. THE SET STAFF GAUGE WAS UNEXPECTEDLY DESTROYED BY LOCAL RECREATIONAL FISHERMEN SEVERAL DAYS AFTER SETTING. THIS GAUGE SHOULD NOT BE USED FOR TIDE MEASUREMENTS UNLESS RESET AND VALIDATED BY J. BORDELON & ASSOCIATES AND PBS&J.
4. A MAGNETOMETER SURVEY WAS COMPETED ON THE PROJECT SITE ACCORDING TO THE SCOPE OF WORK. IT IS FOUND THAT THE AREA CONTAINS ABUNDANT SMALL DEBRIS ANOMALIES BEING A COMMON DESTINATION FOR LOCAL RECREATION AND SMALL BOAT TRAFFIC, AS WELL AS FOR COMMERCIAL FISHERMEN. ONLY FOUR SURVEYED ANOMALIES EXCEEDED THE AMPLITUDE AND WIDTH NORMALLY ASSOCIATED WITH SMALL DIAMETER PIPELINES AND NO EVIDENCE OF LINEARITY WAS FOUND THUS NO PROBING WAS REQUIRED ACCORDING TO SPECIFICATIONS. J. BORDELON & ASSOCIATES AND PBS&J CONCLUDE THAT NO EVIDENCE OF FERROUS PIPELINES IS INDICATED BY INTERPRETATION OF THE MAGNETOMETER DATA. BOTH J. BORDELON & ASSOCIATES AND PBS&J MAKE NO CLAIMS NOR WILL GUARANTEE THE PRESENCE OR LACK THERE OF ANY NON-FERROUS PIPELINES.

				<div><div></div><div><div>DRAWN BY: J. BORDELON</div><div>DESIGNED BY:</div></div></div>	BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT		GENERAL NOTES
					STATE PROJECT NUMBER: BA-48		
					FEDERAL PROJECT NUMBER: BA-48		DATE: DECEMBER 2008
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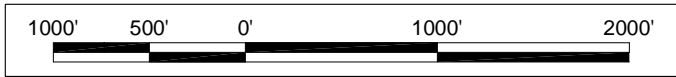
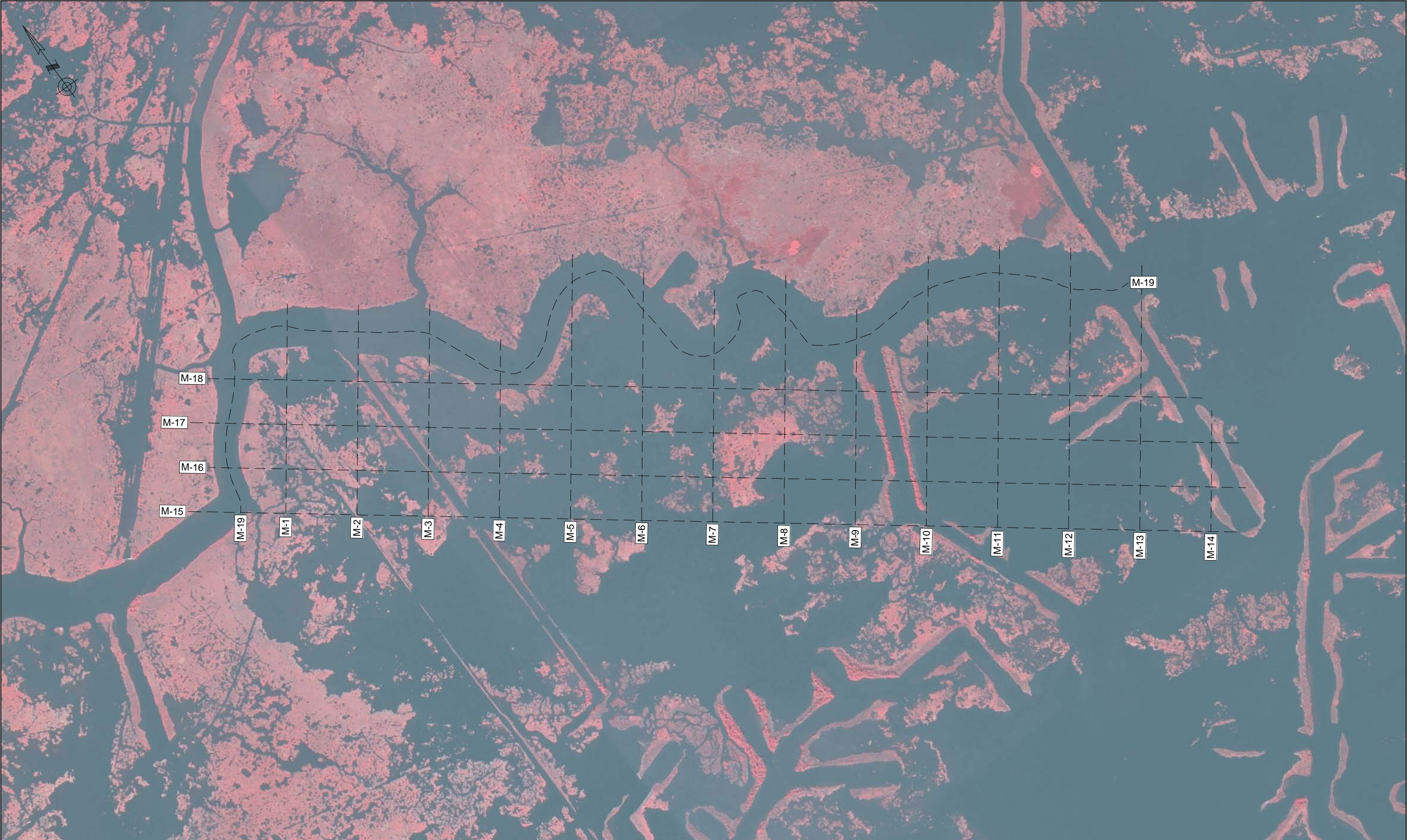


DRAWN BY: J. BORDELON

DESIGNED BY:

BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT		BA-48: BAYOU DUPONT VICINITY MAP
STATE PROJECT NUMBER: BA-48		
FEDERAL PROJECT NUMBER: BA-48		DATE: DECEMBER 2008
APPROVED BY:		SHEET 3 OF 37





REV.	DATE	DESCRIPTION	BY



DRAWN BY: J. BORDELON	DESIGNED BY:
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BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT		MAGNETOMETER SURVEY VICINITY MAP
STATE PROJECT NUMBER: BA-48		
FEDERAL PROJECT NUMBER: BA-48		DATE: DECEMBER 2008
APPROVED BY:		SHEET 4 OF 37





REV.	DATE	DESCRIPTION	BY



DRAWN BY: J. BORDELON

DESIGNED BY:

BAYOU DUPONT MARSH CREATION  
& RIDGE RESTORATION PROJECT

STATE PROJECT NUMBER: BA-48

FEDERAL PROJECT NUMBER: BA-48

APPROVED BY:

MAGNETOMETER SURVEY  
TRACK LINES

DATE: DECEMBER 2008

SHEET 5 OF 37



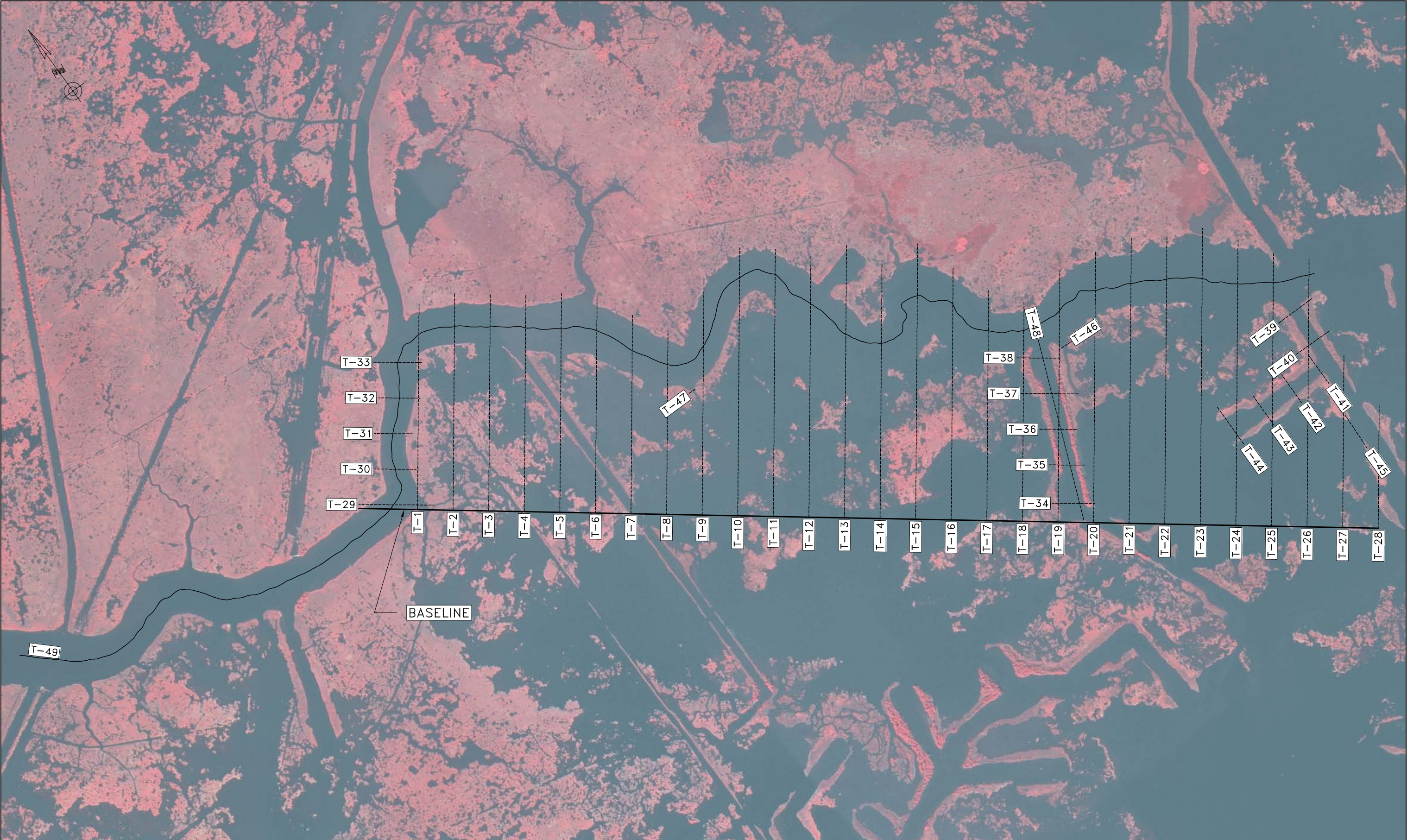




MAGNETIC ANOMALY TABLE

Anomaly	Total Amplitude (nT)	Maximum Width (ft)	Easting (ft)	Northing (ft)	Source	Anomaly	Total Amplitude (nT)	Maximum Width (ft)	Easting (ft)	Northing (ft)	Source
1	39	49	3687643.3	414160.4	debris	31	28	29	3693034.5	411930.3	debris
2	na	na	na	na	noise; disproved	32	29	15	3692817.4	411715.2	debris
3	na	na	na	na	noise; disproved	33	605	56	3693408.1	412076.2	4 debris anomalies
4	60	23	3,688,262.9	414,760.4	debris	34	144	58	3,693,649.3	412,094.0	debris
5	68	27	3,688,271.5	414,943.2	debris	35	43	25	3,693,794.2	411,711.0	2 debris anomalies
6	39	21	3,688,412.4	414,904.2	debris	36	100	25	3,693,946.6	411,510.3	debris
7	26	27	3,688,540.2	415,014.2	debris	37	131	62	3,694,237.9	411,272.3	debris
8	55	122	3,688,878.2	415,084.5	debris	38	23	26	3,694,787.2	411,128.1	debris
9	51	43	3,689,057.3	415,013.4	debris	39	3570	475	3,694,287.9	410,693.9	possible well
10	62	45	3,689,258.6	414,925.0	debris	40	na	na	na	na	part of Anomaly 39
11	167	22	3,688,716.6	414,658.9	debris	41	na	na	na	na	part of Anomaly 39
12	12	47	3,688,661.2	414,136.7	debris	42	79	67	3,694,175.1	410,378.4	debris
13	49	48	3,688,348.2	413,717.7	debris	43	219	46	3,694,052.0	409,787.2	debris
14	289	31	3,689,300.1	413,683.3	debris	44	1307	410	3,693,645.3	409,269.1	possible well
15	99	38	3,689,600.1	414,102.9	debris	45	290	55	3,695,219.7	410,929.1	debris
16	41	38	3,689,679.7	414,623.0	debris	46	163	28	3,695,949.3	410,536.7	debris
17	18	30	3,690,051.0	414,346.8	debris	47	148	38	3,695,904.6	410,460.9	debris
18	205	32	3,690,037.0	412,392.5	debris	48	133	370+	3,694,361.6	408,361.3	possible well
19	346	24	3,690,898.3	413,138.8	debris	49	160	27	3,694,778.1	408,183.4	debris
20	52	80	3,691,133.0	413,104.6	debris	50	23	20	3,694,931.3	408,090.1	debris
21	15	19	3,691,354.8	413,187.1	debris	51	147	510	3,695,623.1	408,925.0	possible well
22	26	48	3,692,286.6	413,469.6	debris	52	na	na	na	na	noise; disproved
23	24	66	3,692,457.5	413,325.8	debris	53	488	24	3,696,197.2	409,512.5	debris
24	27	20	3,692,475.9	413,071.1	debris	54	183	34	3,696,612.4	410,118.6	debris
25	33	32	3,691,966.3	413,264.5	debris	55	51	19	3,696,668.2	410,257.7	debris
26	846	41	3,691,525.9	412,546.8	debris	56	36	39	3,696,820.8	410,141.1	debris
27	32	29	3,691,914.8	411,803.0	debris	57	32	36	3,696,907.1	410,069.3	debris
28	na	na	na	na	noise spike	58	142	58	3697448.5	409969.3	debris
29	24	31	3,692,309.4	411,944.8	debris	59	27	30	3,697,360.4	409,792.7	debris
30	70	62	3,692,735.6	412,074.8	debris	60	18	45	3,697,030.7	407,788.5	debris





1000'


500'

0'


1000'

2000'

REV.	DATE	DESCRIPTION	BY



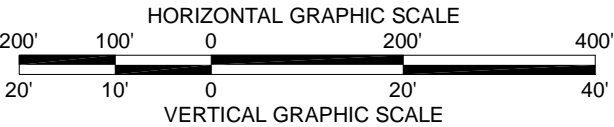
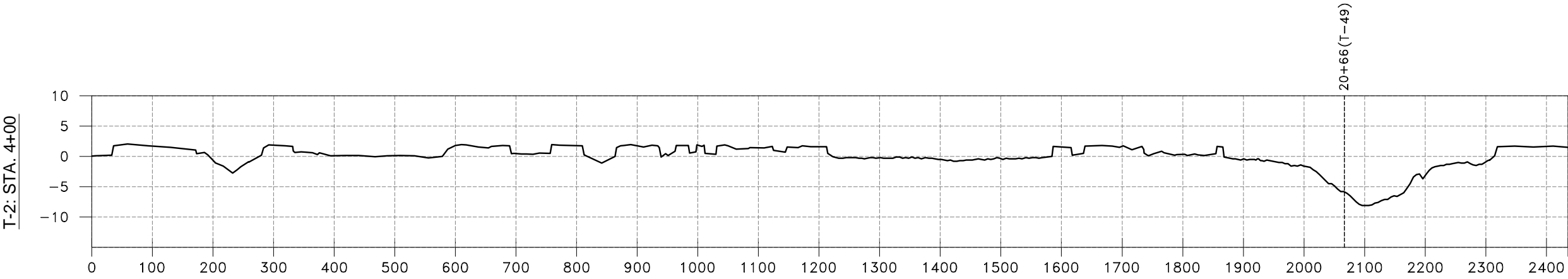
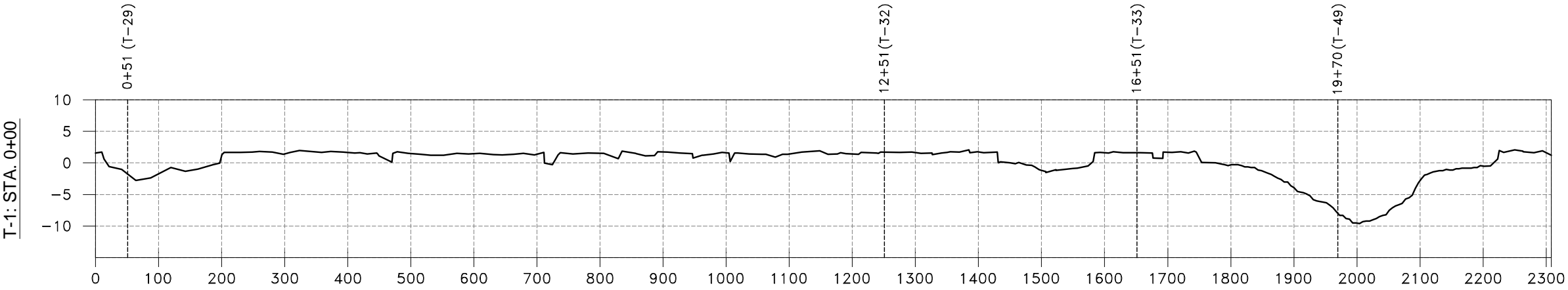
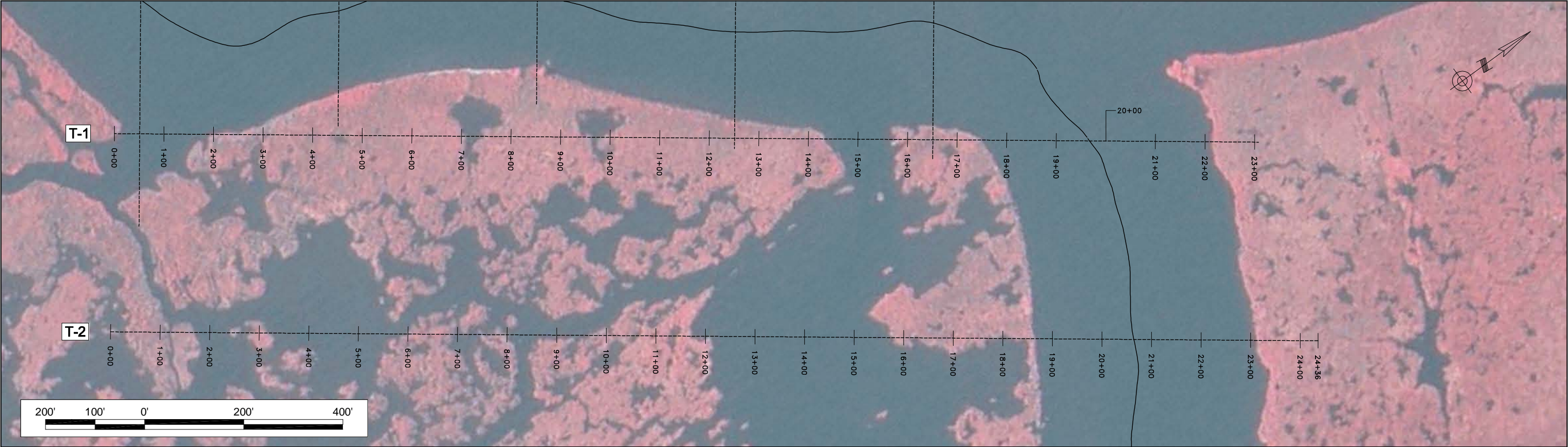
CPRA  
Coastal Protection and  
Restoration Authority of Louisiana



DRAWN BY: J. BORDELON		DESIGNED BY:
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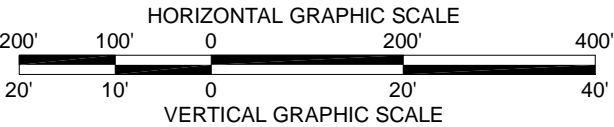
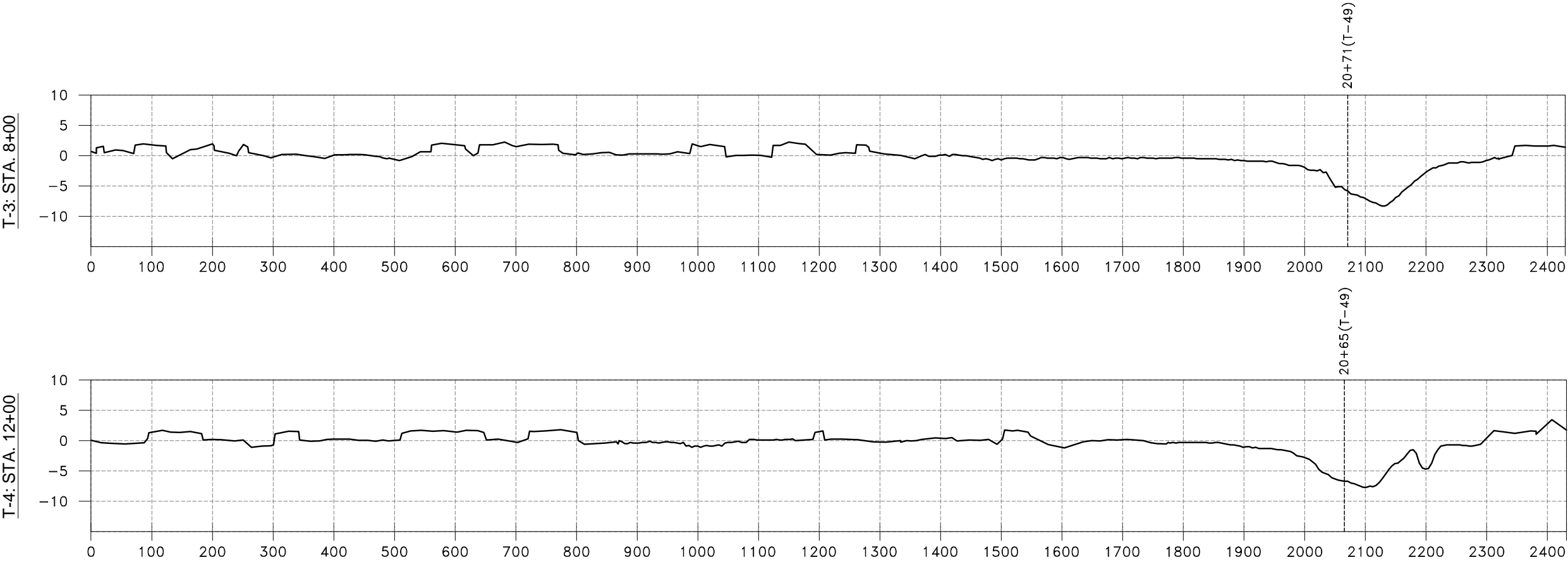
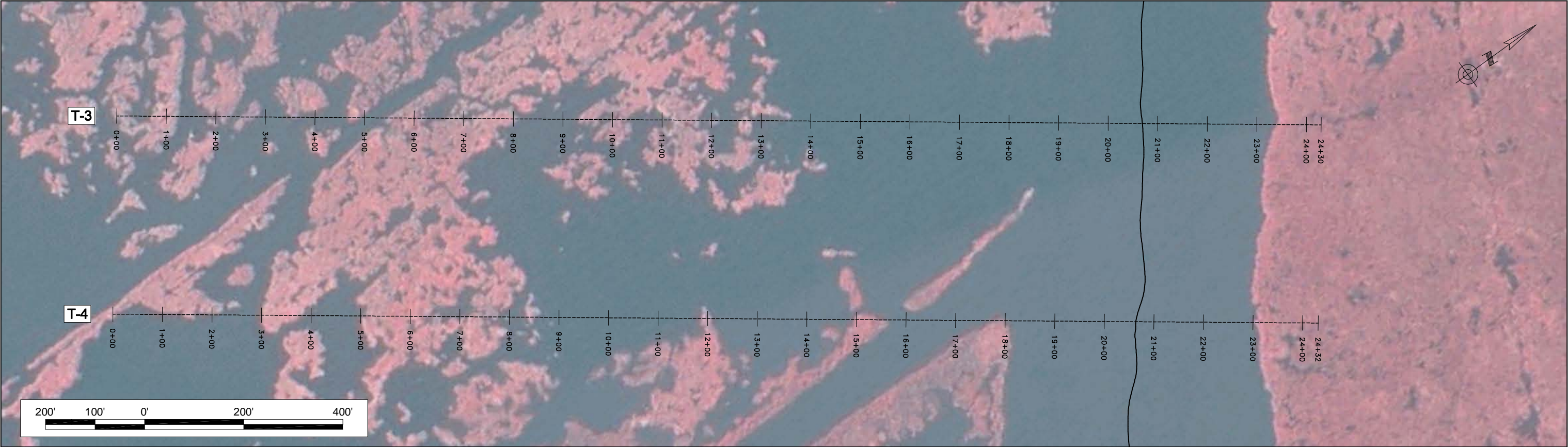
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STATE PROJECT NUMBER: BA-48		
FEDERAL PROJECT NUMBER: BA-48		DATE: DECEMBER 2008
APPROVED BY:		SHEET 8 OF 37





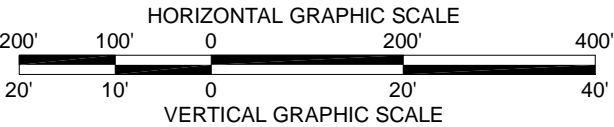
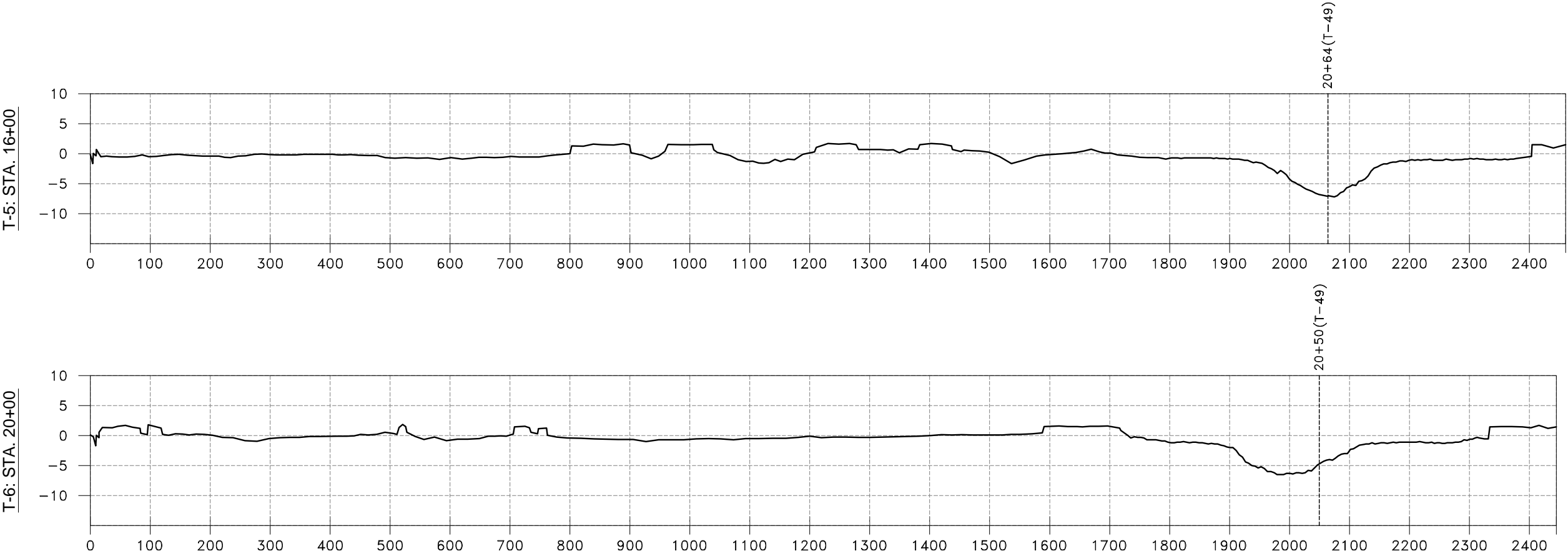
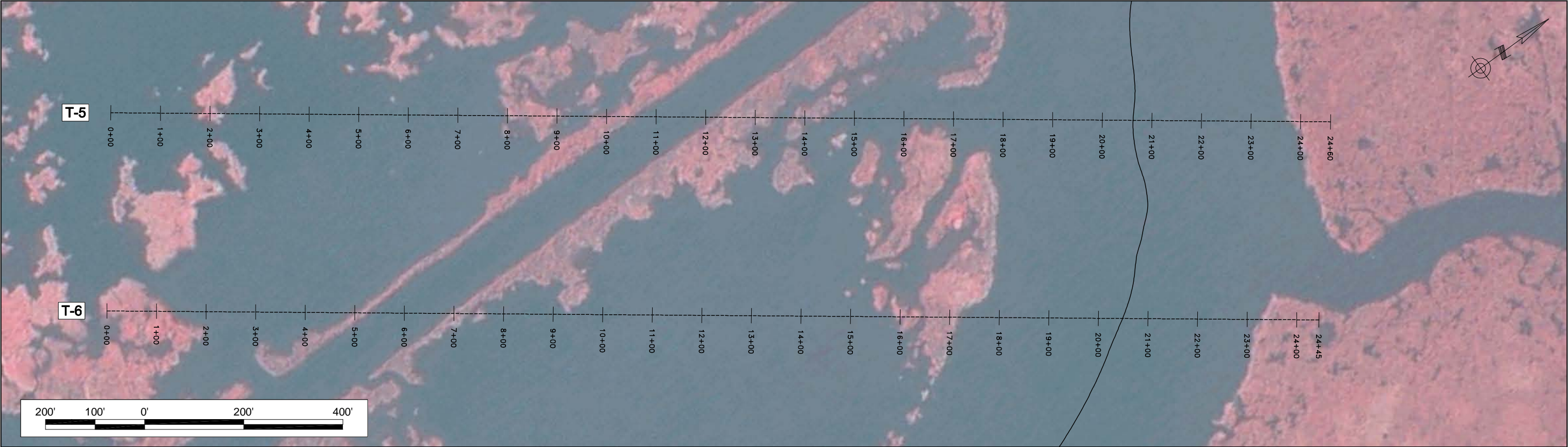
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REV.	DATE	DESCRIPTION	BY		DRAWN BY:   J. BORDELON	DESIGNED BY:	APPROVED BY:



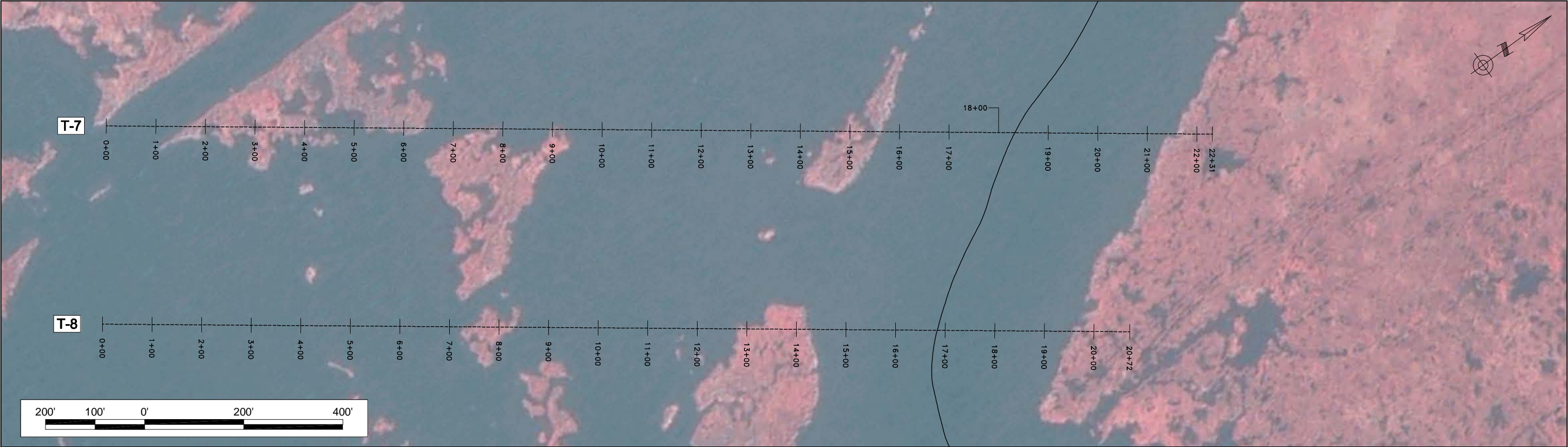


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REV.	DATE	DESCRIPTION	BY		DRAWN BY: J. BORDELON	DESIGNED BY:	APPROVED BY:
							SHEET 10 OF 37

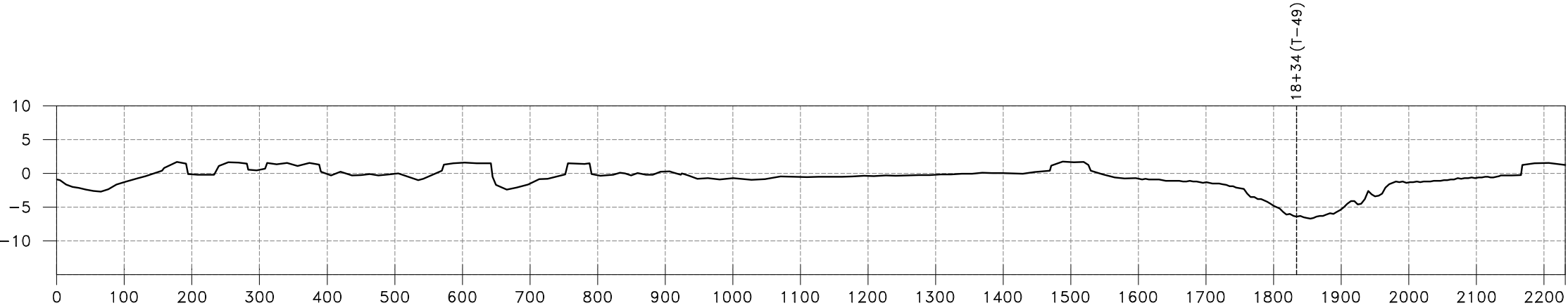




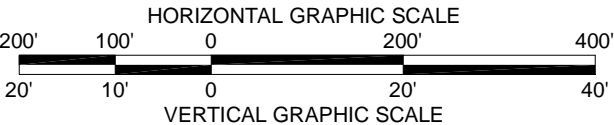
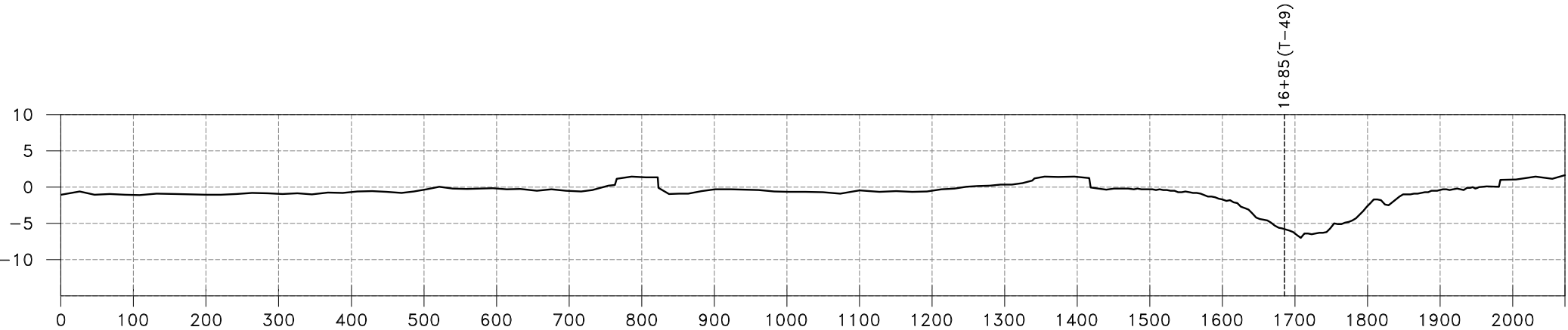
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						FEDERAL PROJECT NUMBER: BA-48			
REV.	DATE	DESCRIPTION	BY	DRAWN BY: J. BORDELON		DESIGNED BY:		APPROVED BY:	
								SHEET 11 OF 37	



T-7: STA. 24+00



T-8: STA. 28+00



REV.	DATE	DESCRIPTION	BY



DRAWN BY: J. BORDELON

DESIGNED BY:

BAYOU DUPONT MARSH CREATION  
& RIDGE RESTORATION PROJECT

STATE PROJECT NUMBER: BA-48

FEDERAL PROJECT NUMBER: BA-48

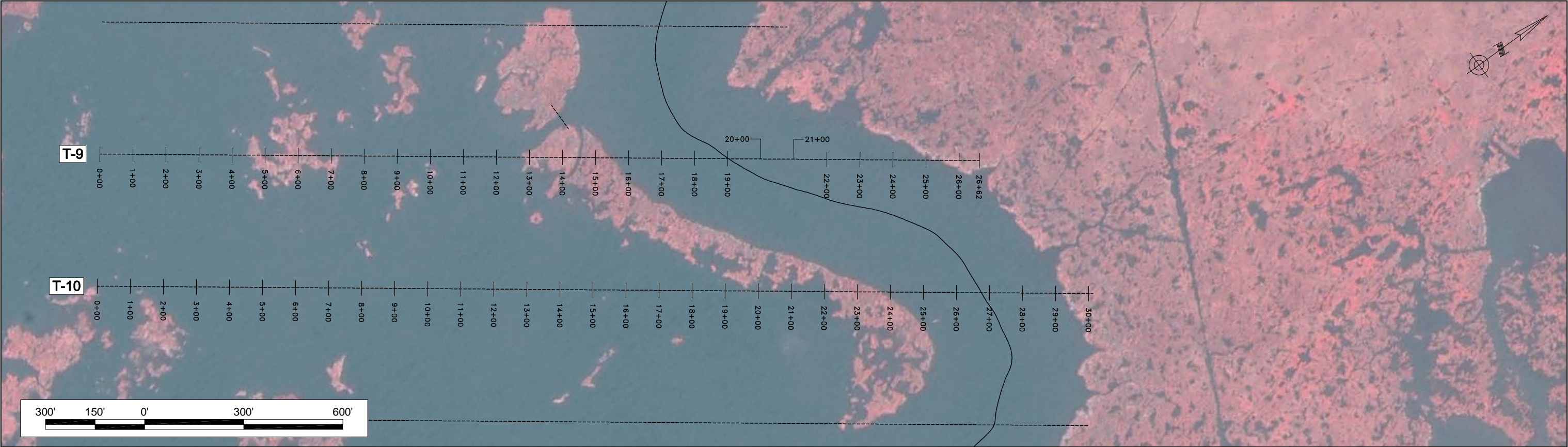
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TRANSECT PROFILES  
T-7 AND T-8

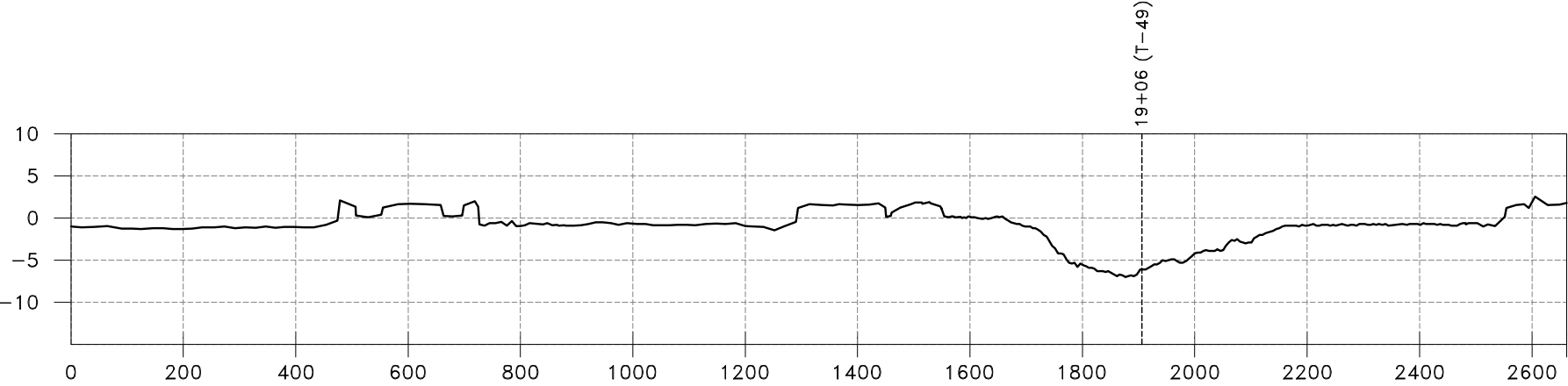
DATE: DECEMBER 2008

SHEET 12 OF 37

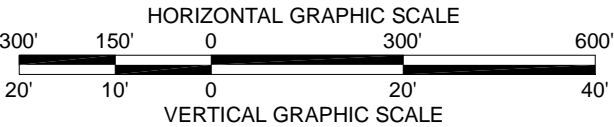
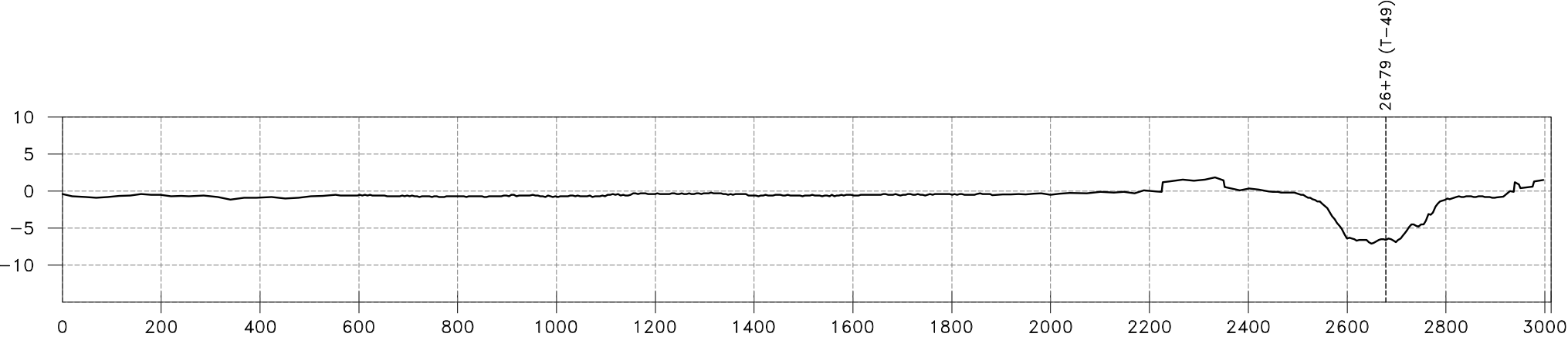




T-9: STA. 32+00



T-10: STA. 36+00



REV.	DATE	DESCRIPTION	BY



DRAWN BY: J. BORDELON

DESIGNED BY:

BAYOU DUPONT MARSH CREATION  
& RIDGE RESTORATION PROJECT

STATE PROJECT NUMBER: BA-48

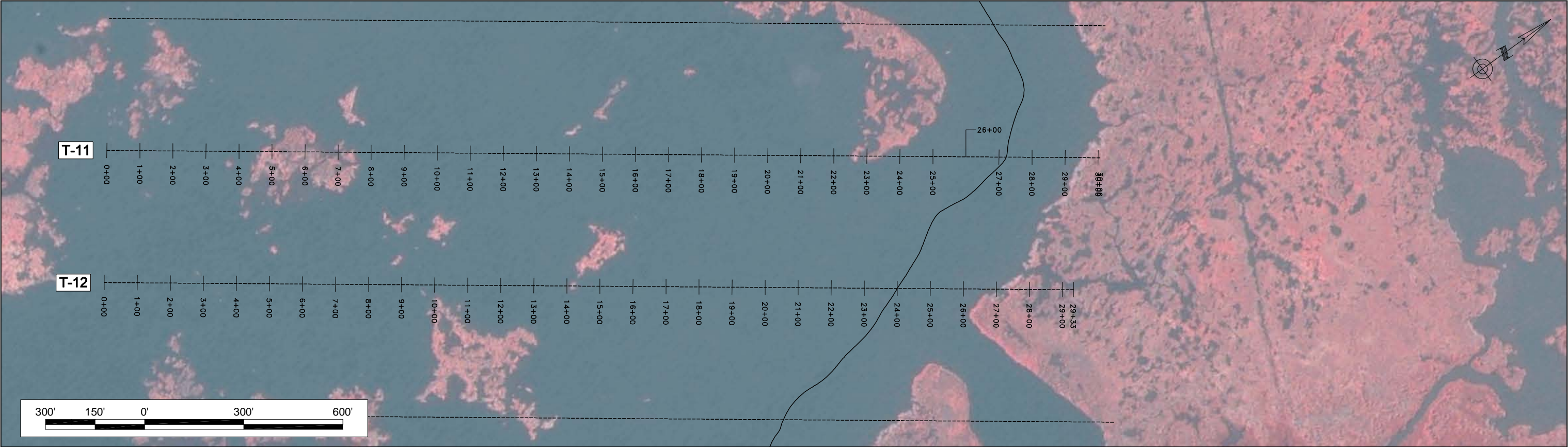
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APPROVED BY:

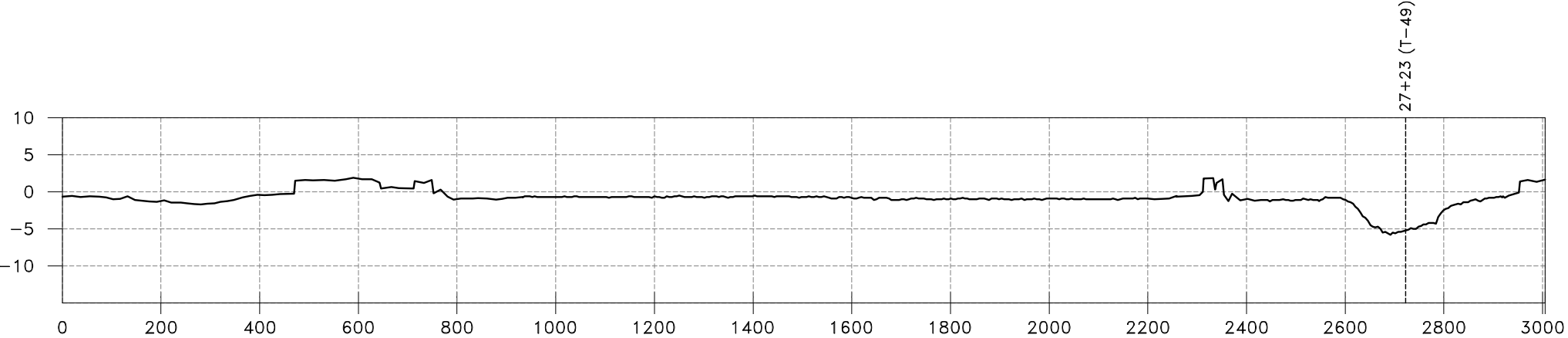
TRANSECT PROFILES  
T-9 AND T-10

DATE: DECEMBER 2008

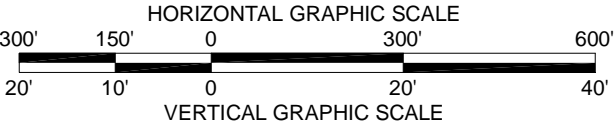
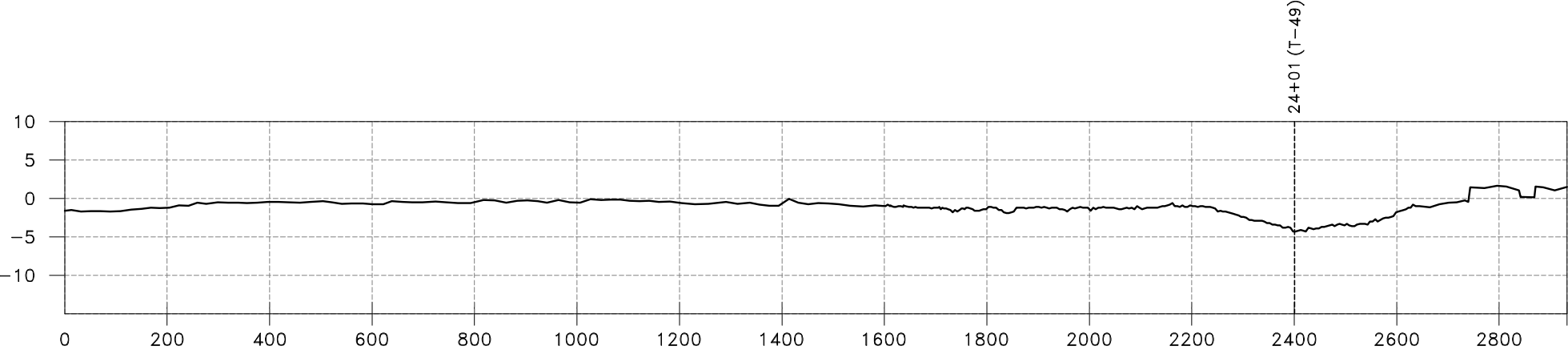
SHEET 13 OF 37



T-11: STA. 40+00



T-12: STA. 44+00



REV.	DATE	DESCRIPTION	BY



DRAWN BY: J. BORDELON

DESIGNED BY:

BAYOU DUPONT MARSH CREATION  
& RIDGE RESTORATION PROJECT

STATE PROJECT NUMBER: BA-48

FEDERAL PROJECT NUMBER: BA-48

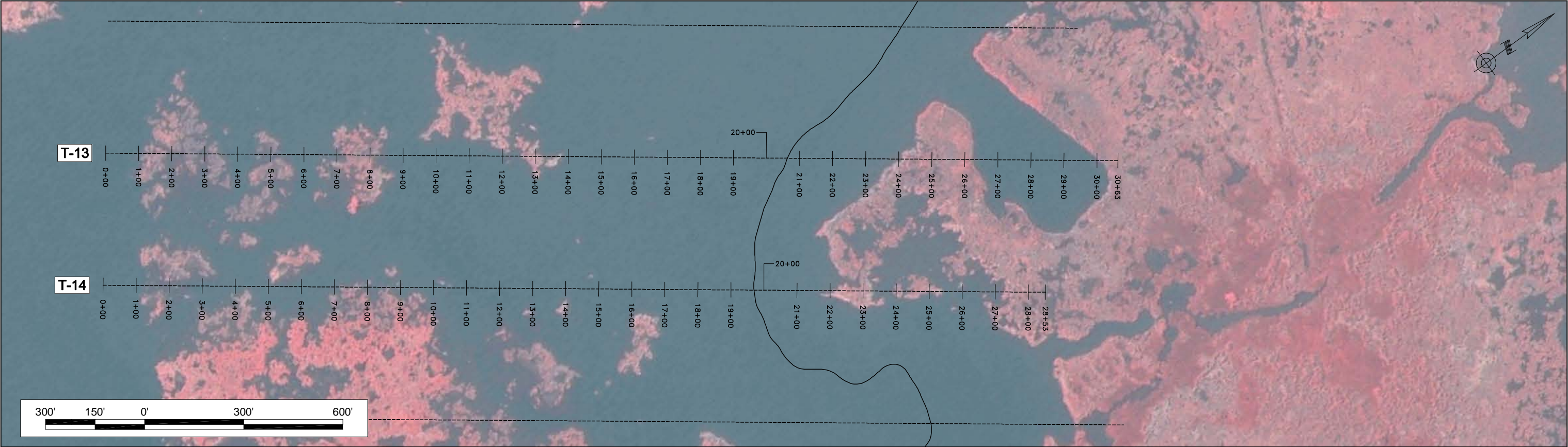
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TRANSECT PROFILES  
T-11 AND T-12

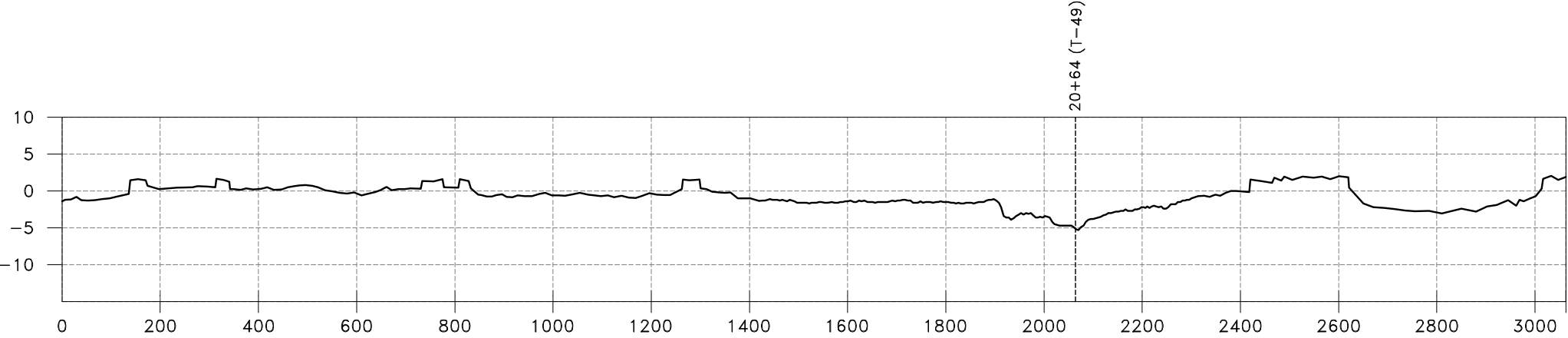
DATE: DECEMBER 2008

SHEET 14 OF 37

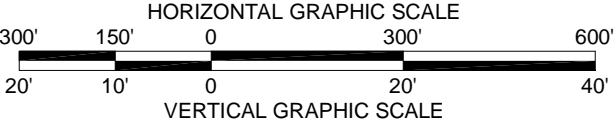
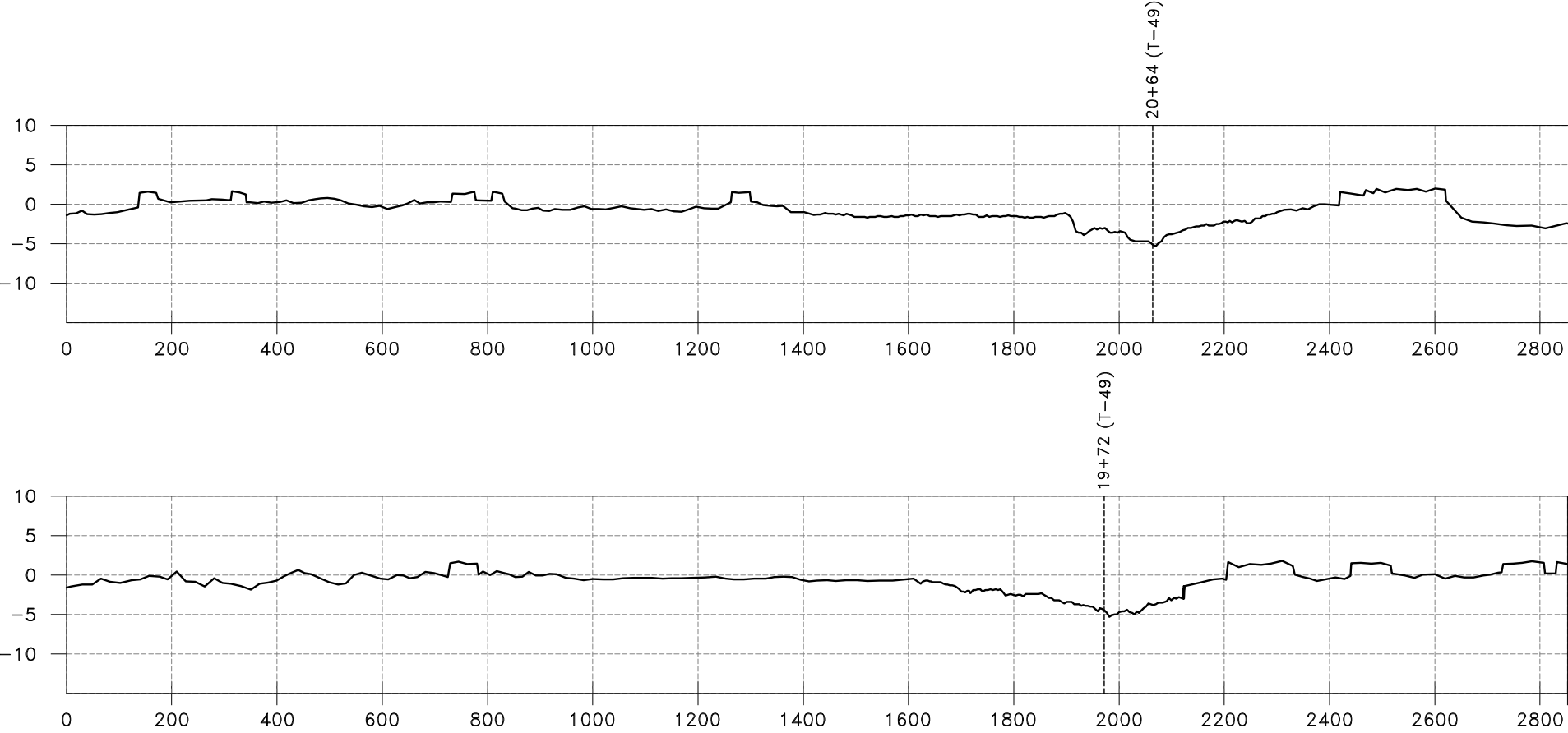




T-13: STA. 48+00



T-14: STA. 52+00



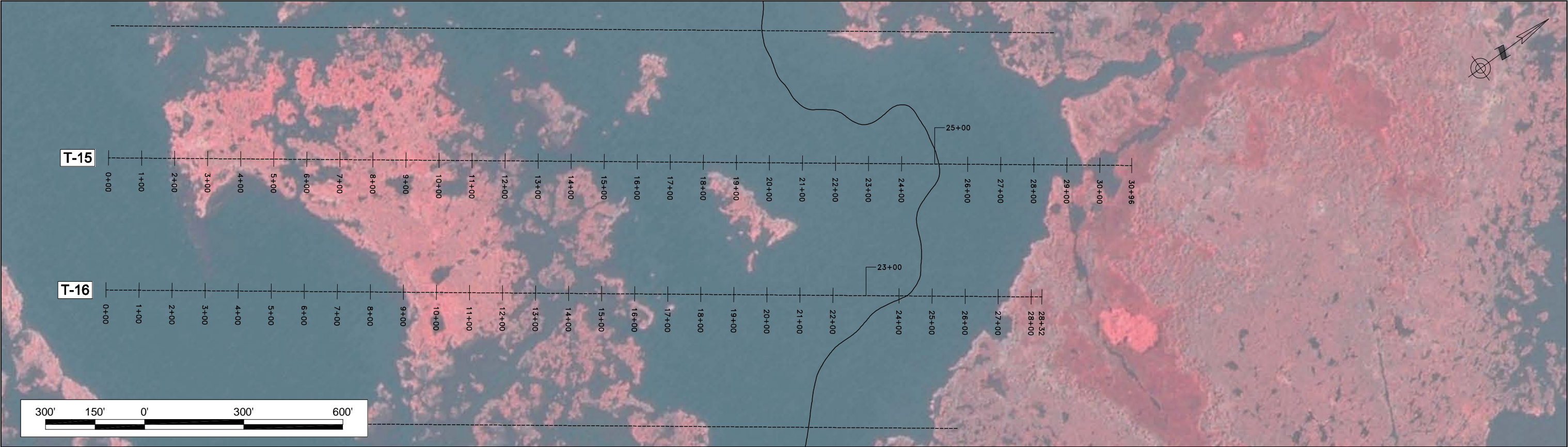
REV.	DATE	DESCRIPTION	BY



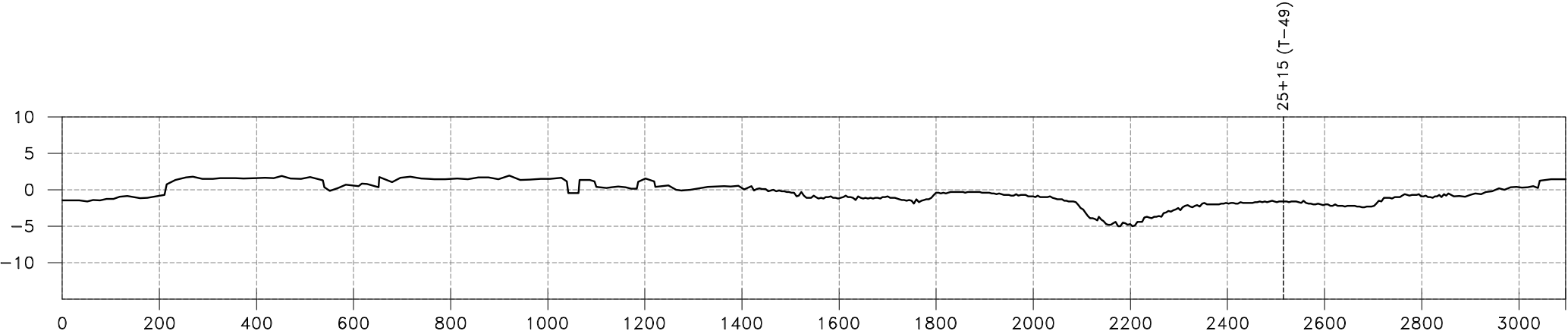
DRAWN BY: J. BORDELON      DESIGNED BY:

BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT		TRANSECT PROFILES T-13 AND T-14
STATE PROJECT NUMBER: BA-48		
FEDERAL PROJECT NUMBER: BA-48		DATE: DECEMBER 2008
APPROVED BY:		SHEET 15 OF 37

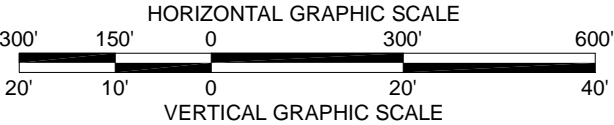
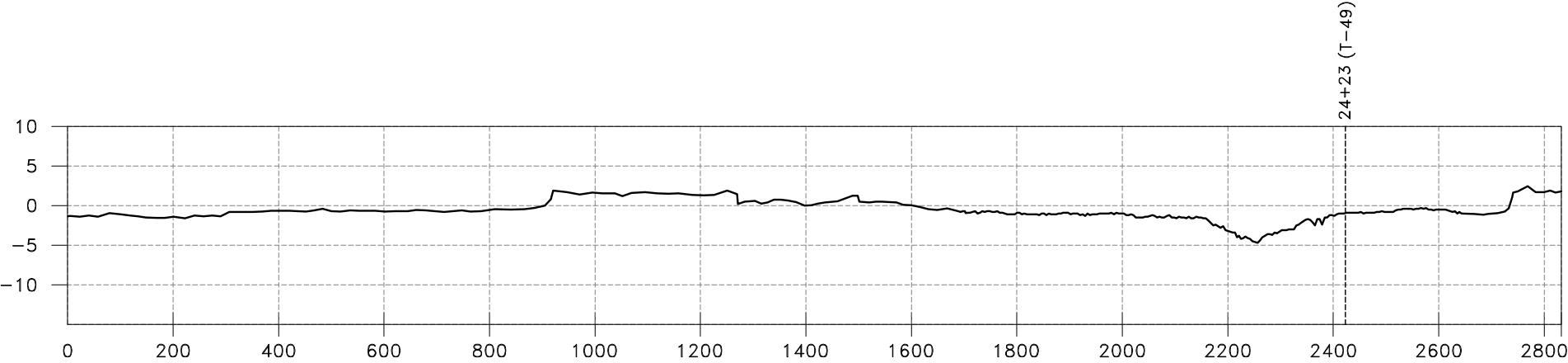




T-15: STA. 56+00



T-16: STA. 60+00



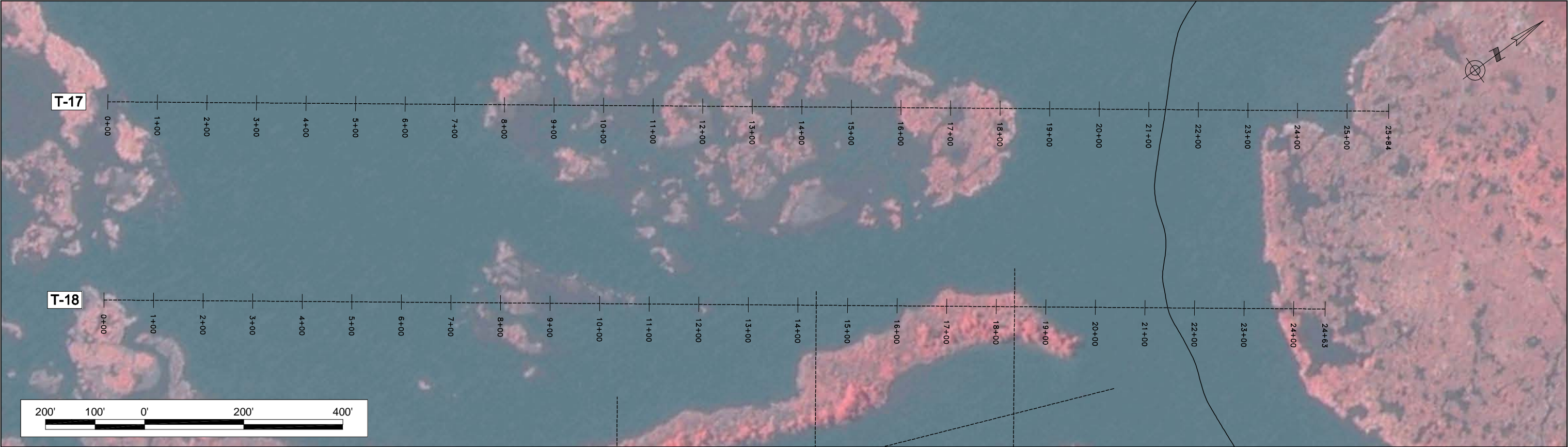
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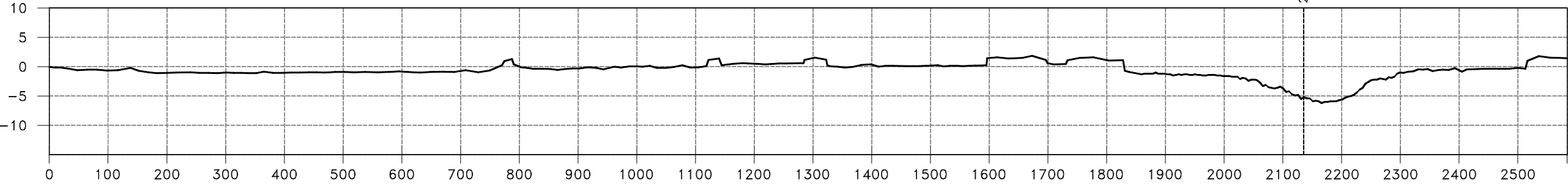
BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT	
STATE PROJECT NUMBER: BA-48	
FEDERAL PROJECT NUMBER: BA-48	
APPROVED BY:	

TRANSECT PROFILES T-15 AND T-16	
DATE: DECEMBER 2008	
SHEET 16 OF 37	

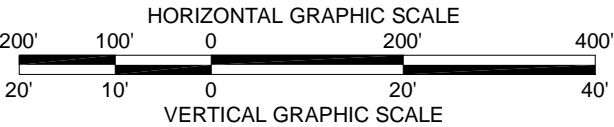
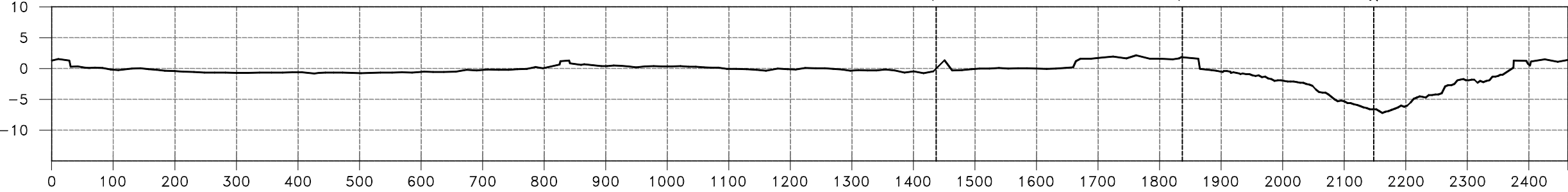




T-17: STA. 64+00



T-18: STA. 68+00

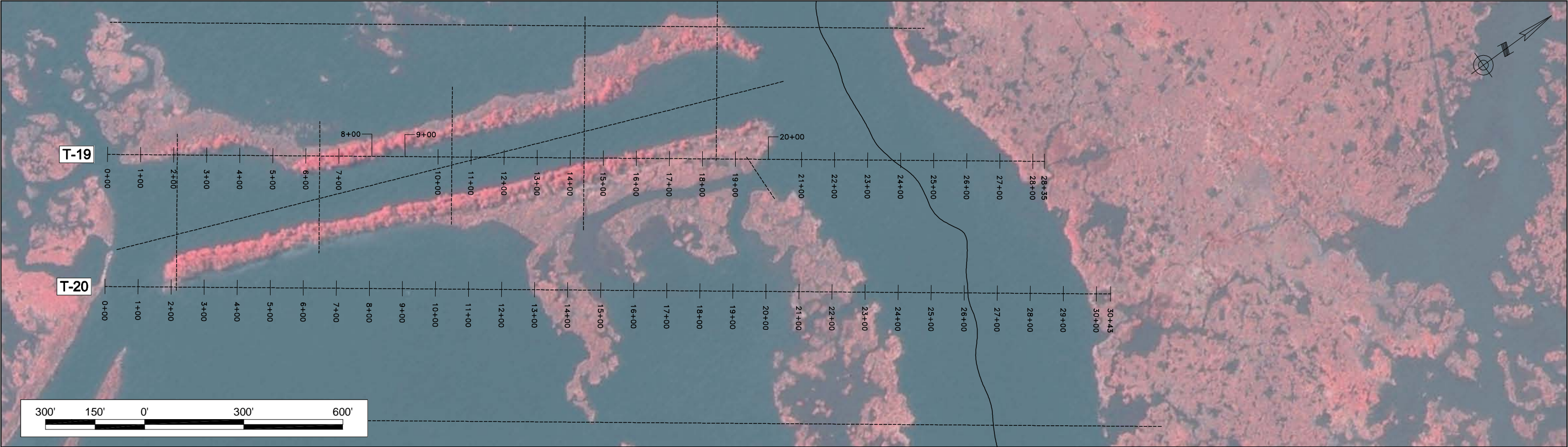


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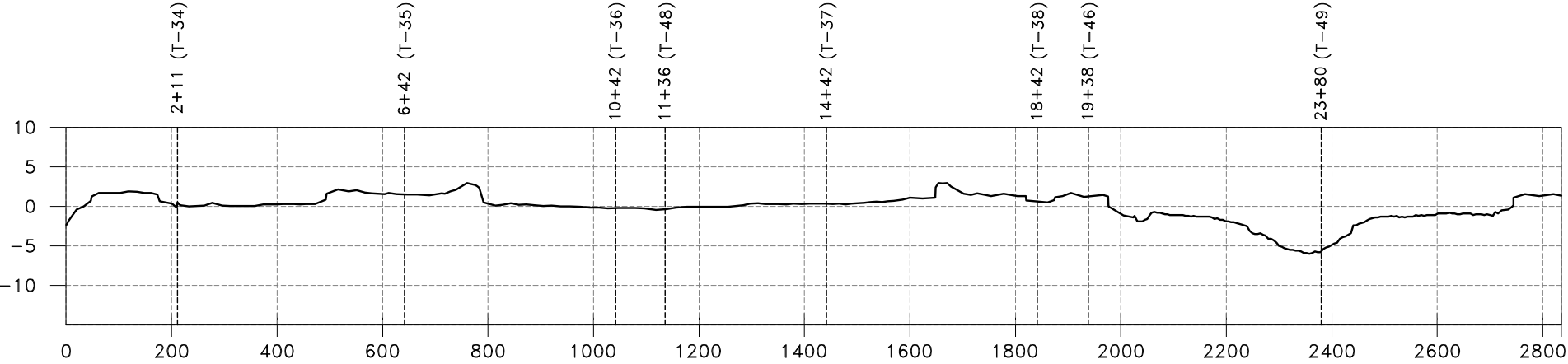
	
DRAWN BY: J. BORDELON	DESIGNED BY:

BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT
STATE PROJECT NUMBER: BA-48
FEDERAL PROJECT NUMBER: BA-48
APPROVED BY:

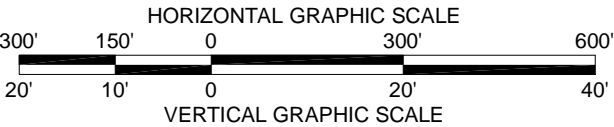
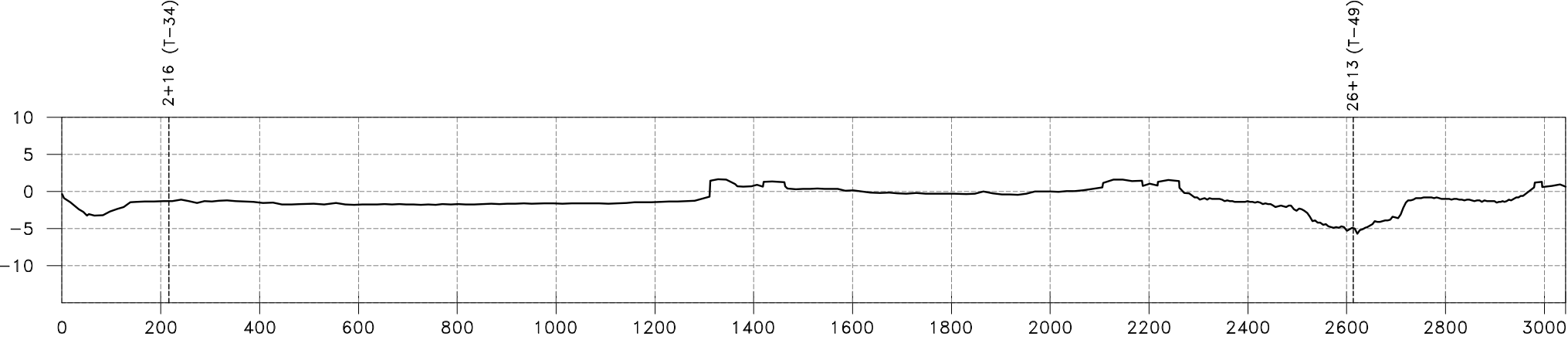
TRANSECT PROFILES T-17 AND T-18
DATE: DECEMBER 2008
SHEET 17 OF 37



T-19: STA. 72+00



T-20: STA. 76+00



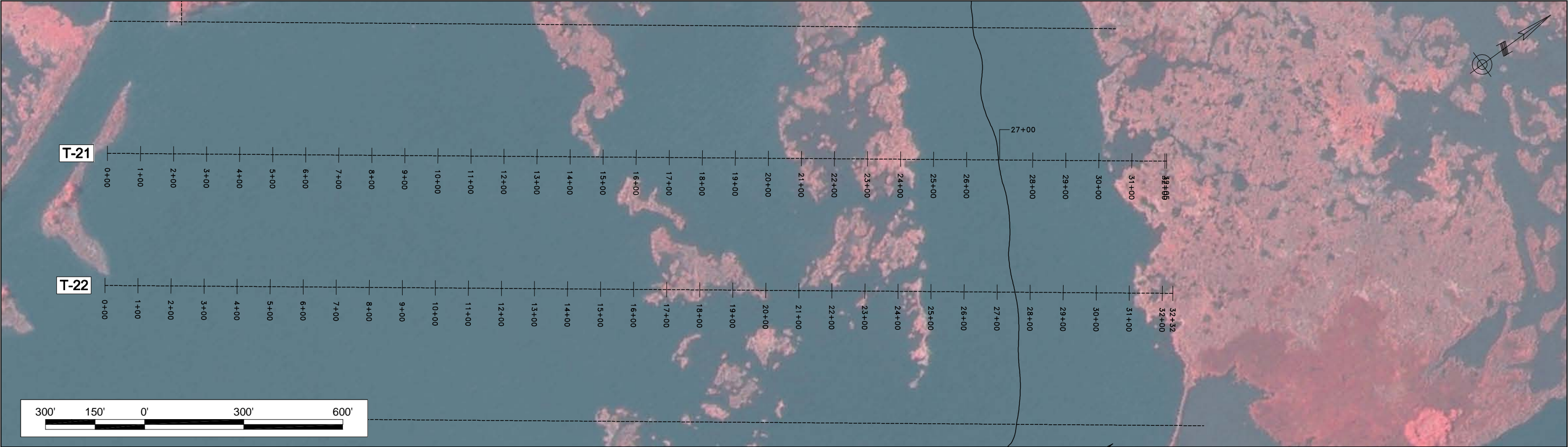
REV.	DATE	DESCRIPTION	BY

	
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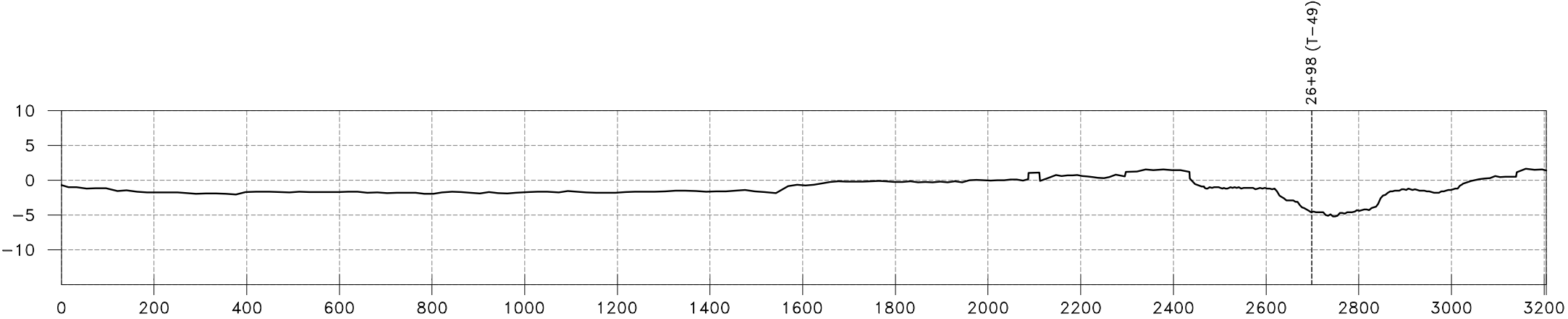
BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT
STATE PROJECT NUMBER: BA-48
FEDERAL PROJECT NUMBER: BA-48
APPROVED BY:

TRANSECT PROFILES T-19 AND T-20
DATE: DECEMBER 2008
SHEET 18 OF 37

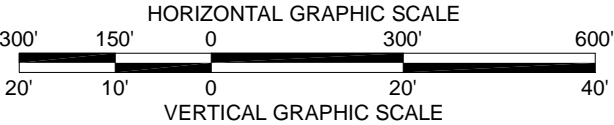
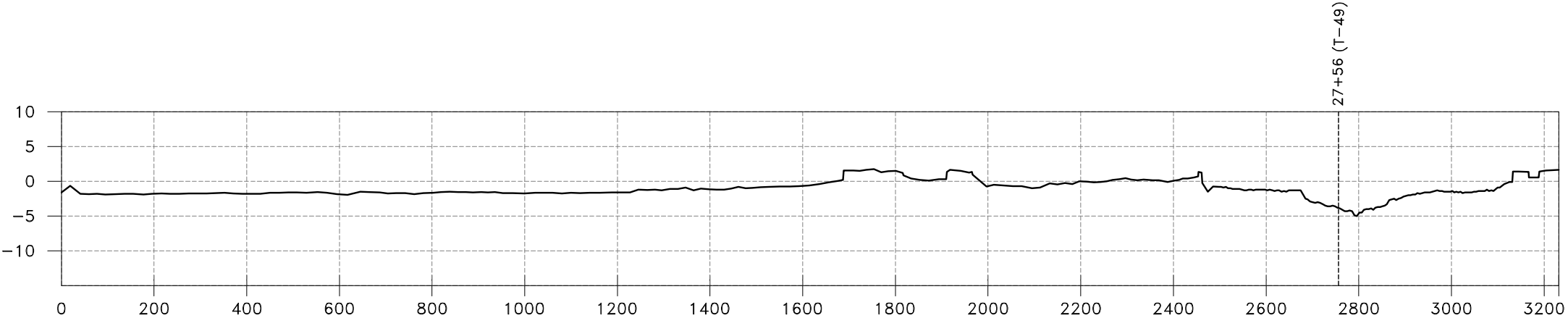




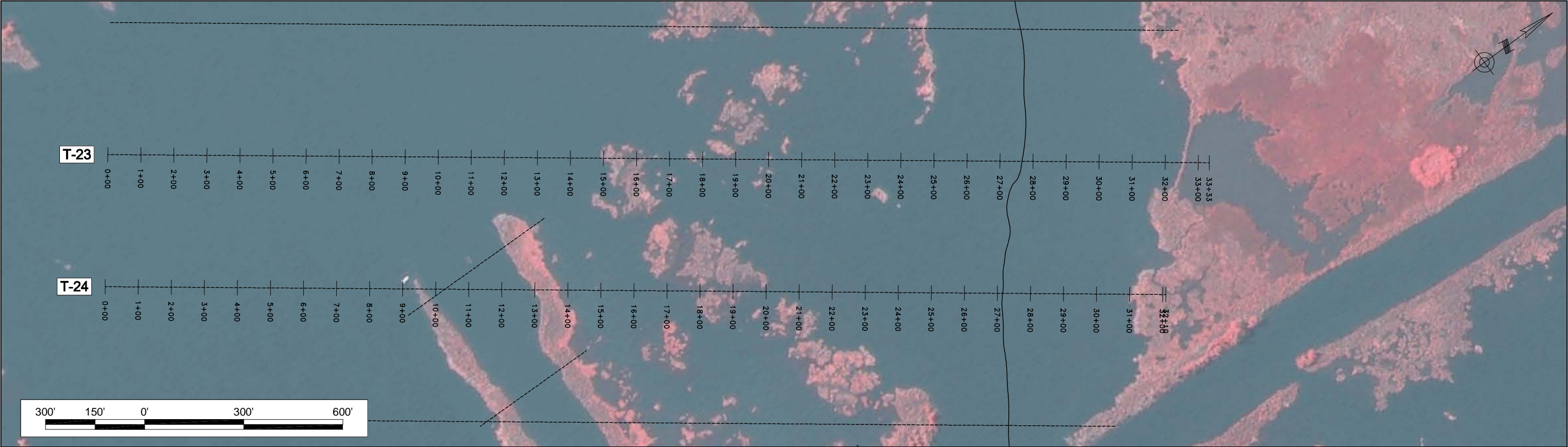
T-21: STA. 80+00



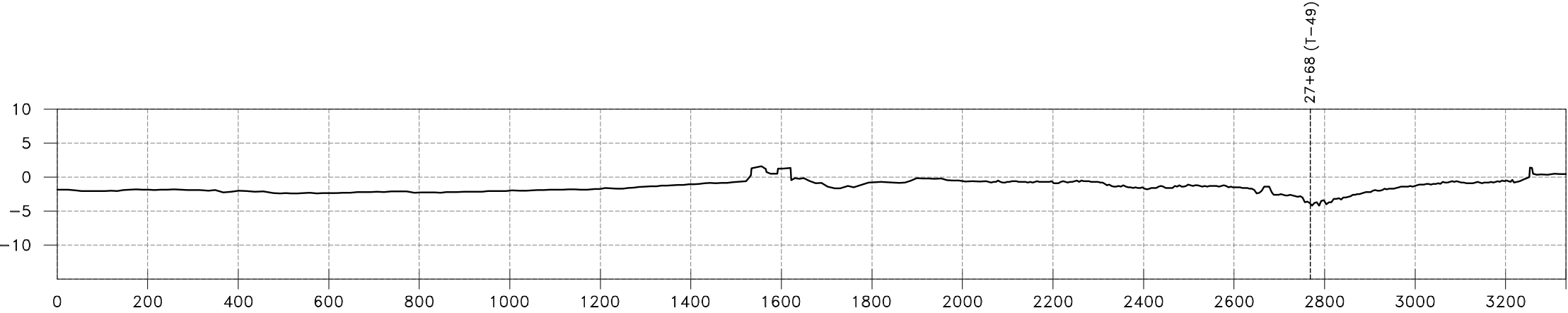
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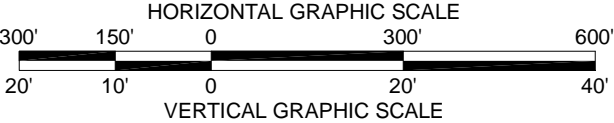
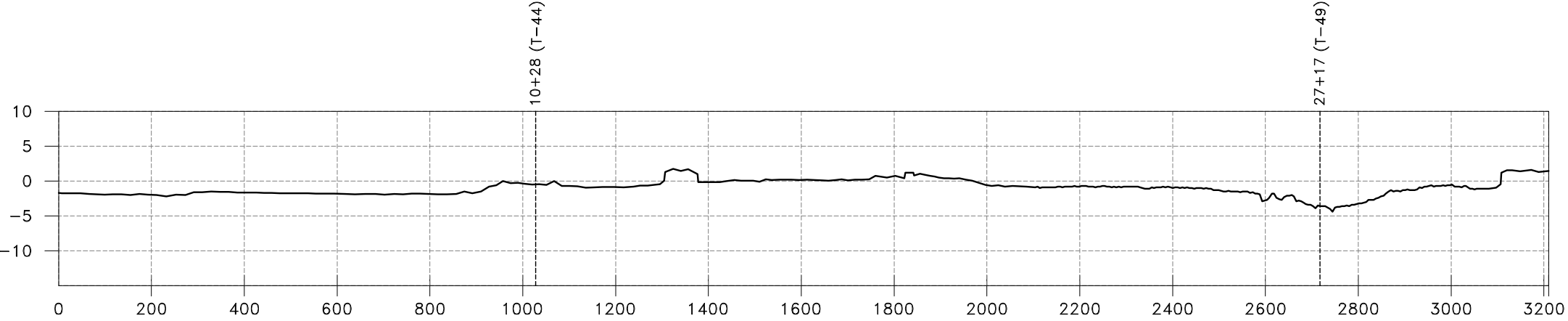
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REV.	DATE	DESCRIPTION	BY		DRAWN BY: J. BORDELON	DESIGNED BY:	APPROVED BY:



T-23: STA. 88+00



T-24: STA. 92+00



REV.	DATE	DESCRIPTION	BY

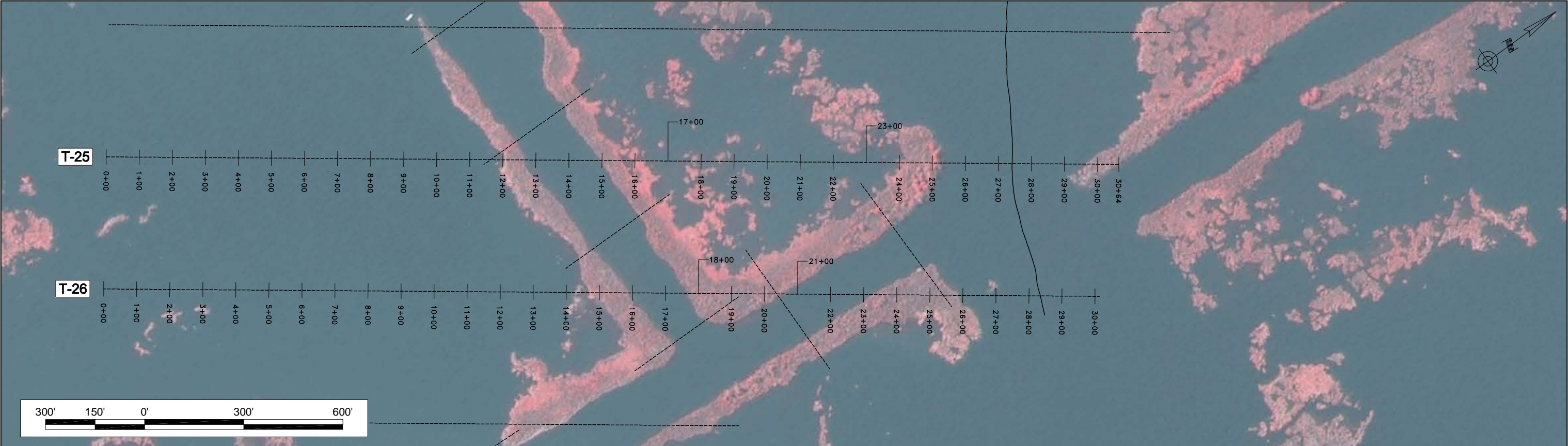


DRAWN BY: J. BORDELON	DESIGNED BY:
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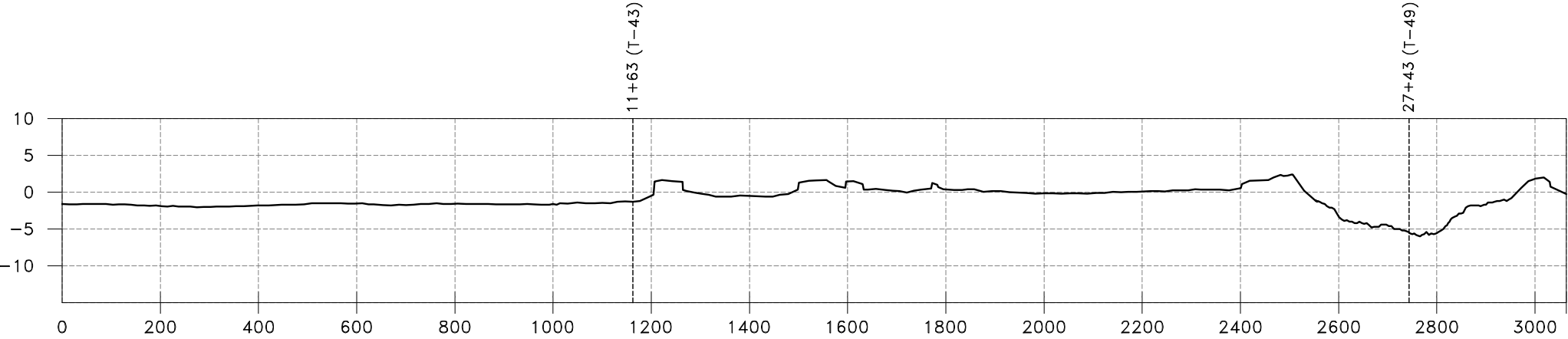
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STATE PROJECT NUMBER: BA-48
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APPROVED BY:

TRANSECT PROFILES T-23 AND T-24
DATE: DECEMBER 2008
SHEET 20 OF 37

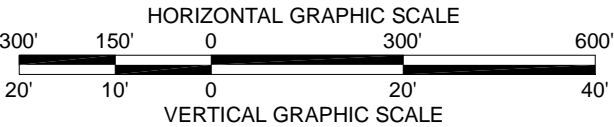
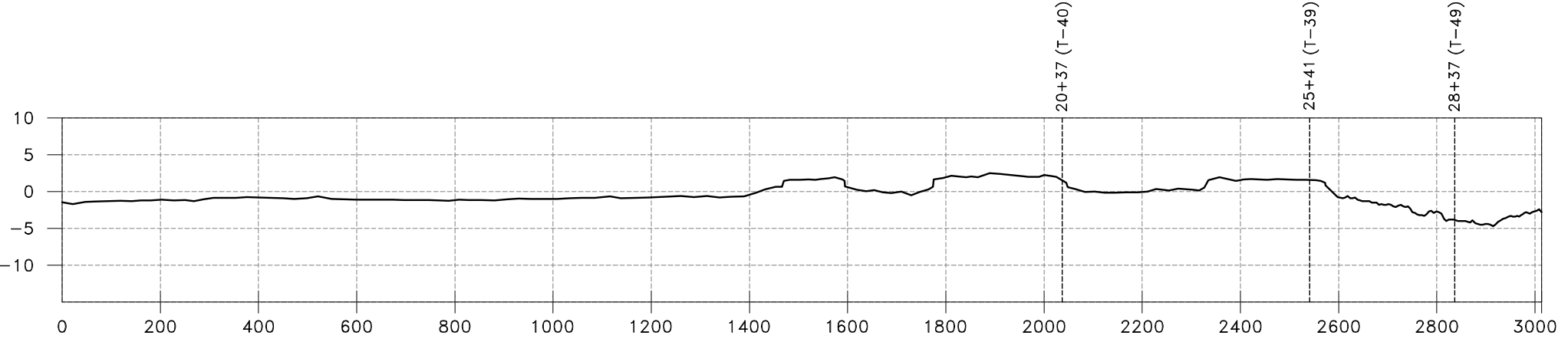




T-25: STA. 96+00



T-26: STA. 100+00



REV.	DATE	DESCRIPTION	BY



DRAWN BY: J. BORDELON

DESIGNED BY:

BAYOU DUPONT MARSH CREATION  
& RIDGE RESTORATION PROJECT

STATE PROJECT NUMBER: BA-48

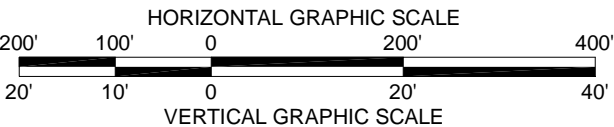
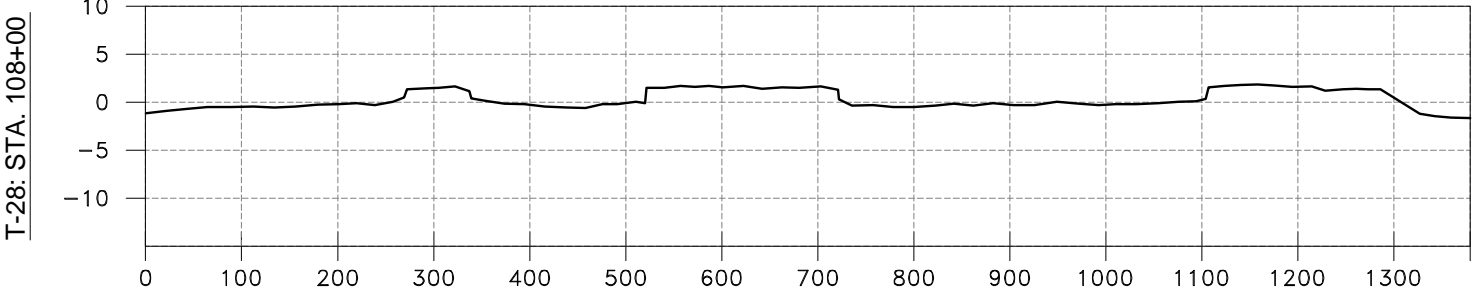
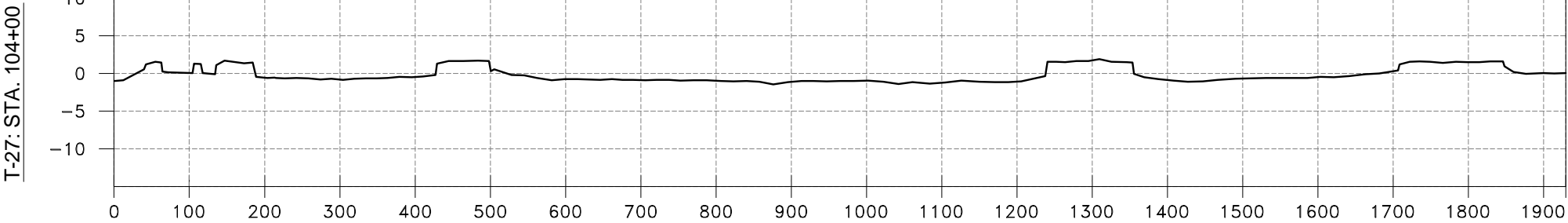
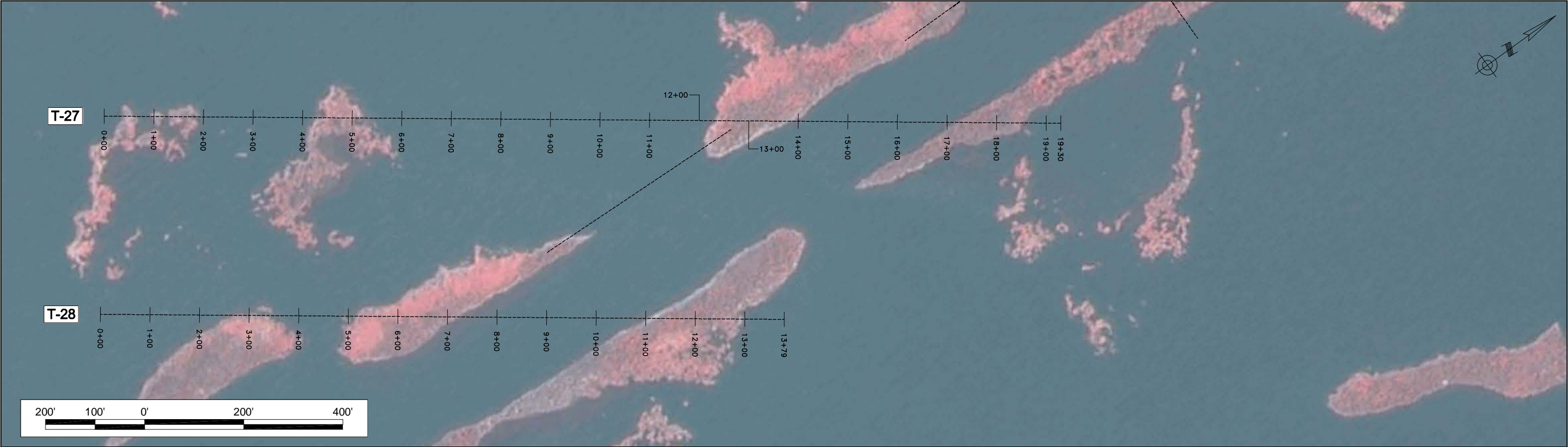
FEDERAL PROJECT NUMBER: BA-48

APPROVED BY:

TRANSECT PROFILES  
T-25 AND T-26

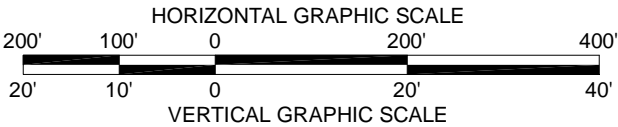
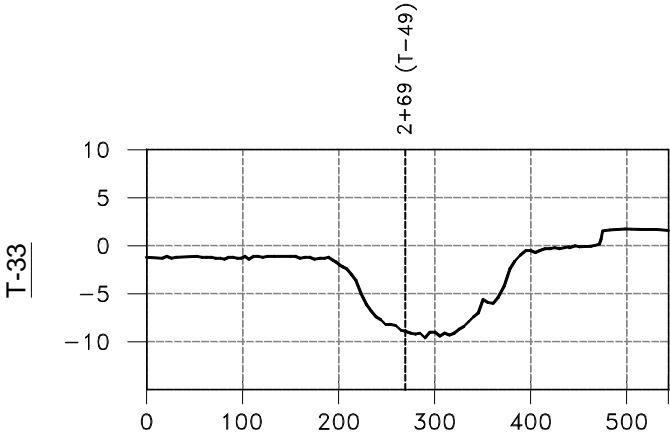
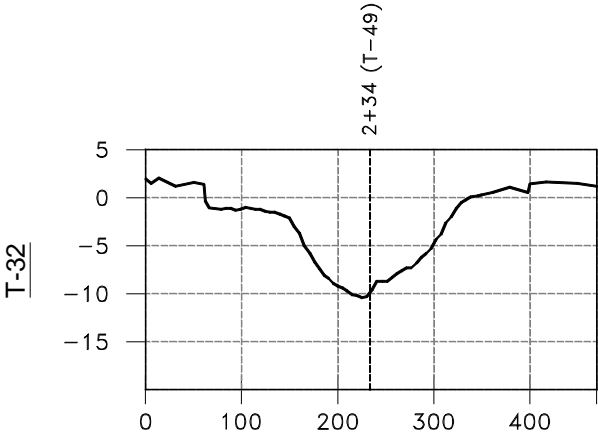
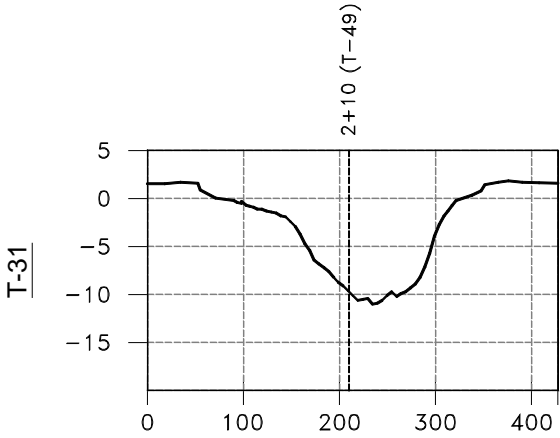
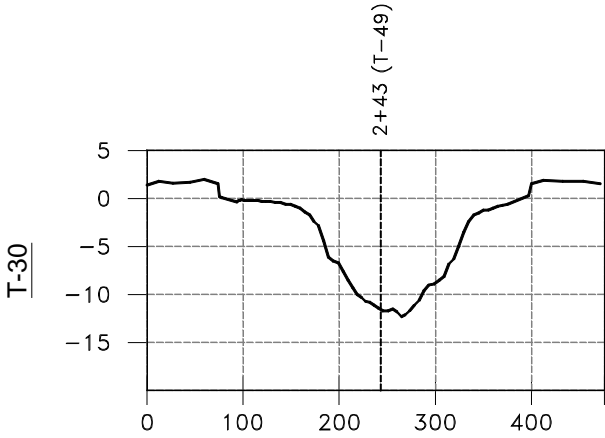
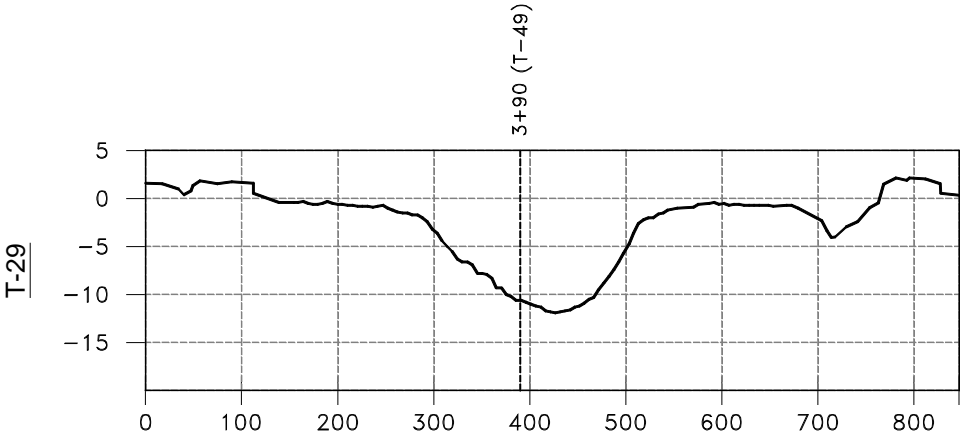
DATE: DECEMBER 2008

SHEET 21 OF 37



						BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT		TRANSECT PROFILES T-27 AND T-28	
						STATE PROJECT NUMBER: BA-48		DATE: DECEMBER 2008	
						FEDERAL PROJECT NUMBER: BA-48			
REV.	DATE	DESCRIPTION	BY	DRAWN BY: J. BORDELON	DESIGNED BY:	APPROVED BY:		SHEET 22 OF 37	





REV.	DATE	DESCRIPTION	BY



DRAWN BY: J. BORDELON

DESIGNED BY:

BAYOU DUPONT MARSH CREATION  
& RIDGE RESTORATION PROJECT

STATE PROJECT NUMBER: BA-48

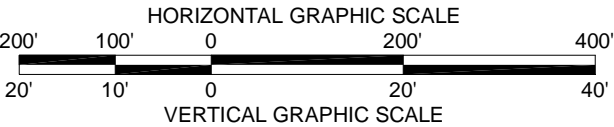
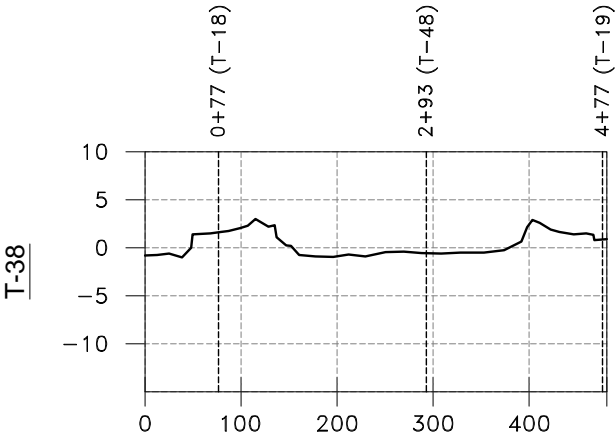
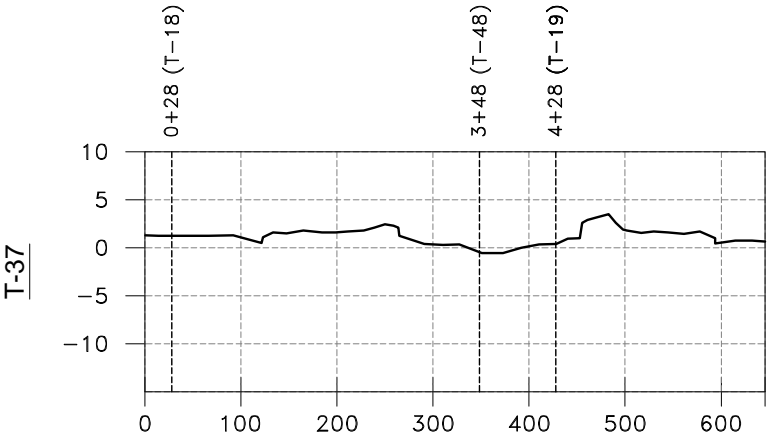
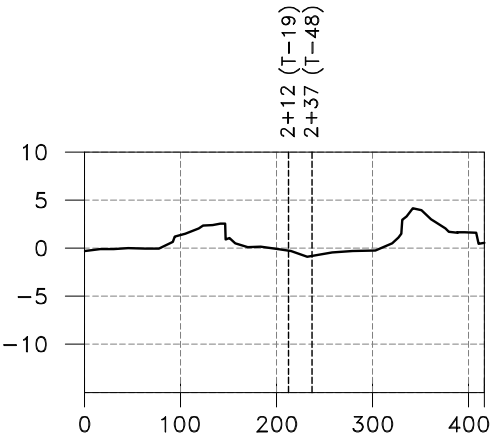
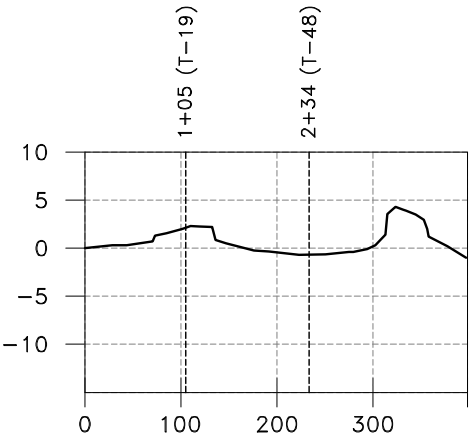
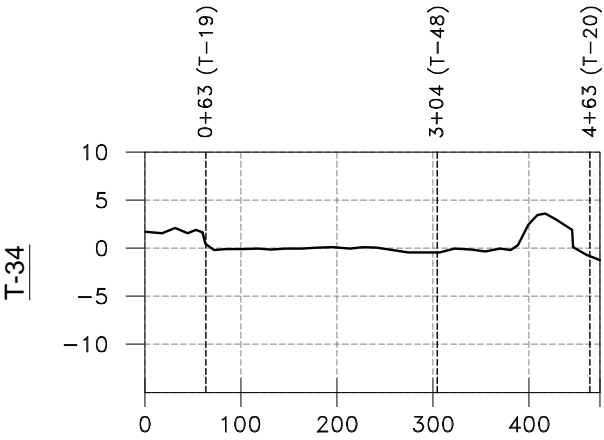
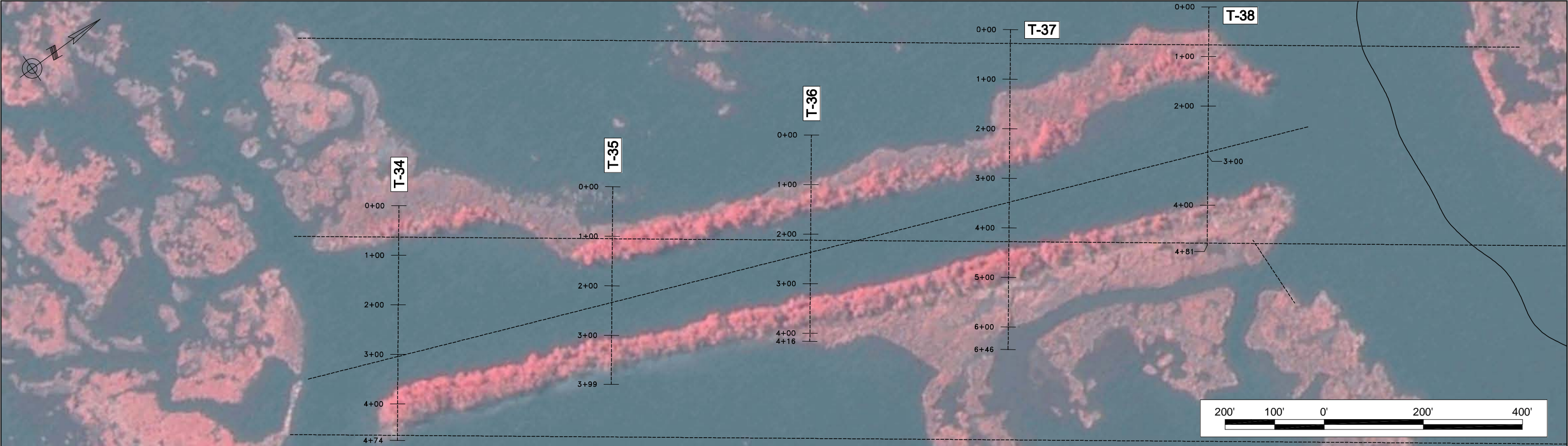
FEDERAL PROJECT NUMBER: BA-48

APPROVED BY:

TRANSECT PROFILES  
T-29 TO T-33

DATE: DECEMBER 2008

SHEET 23 OF 37



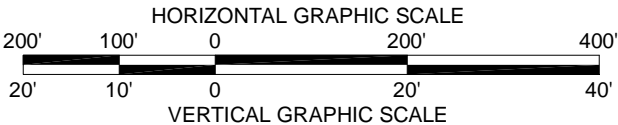
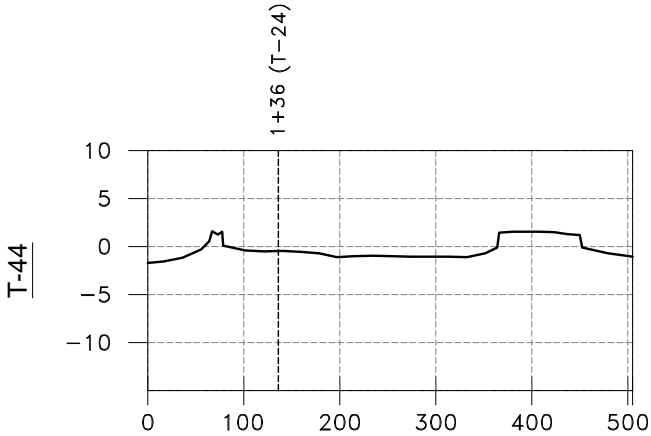
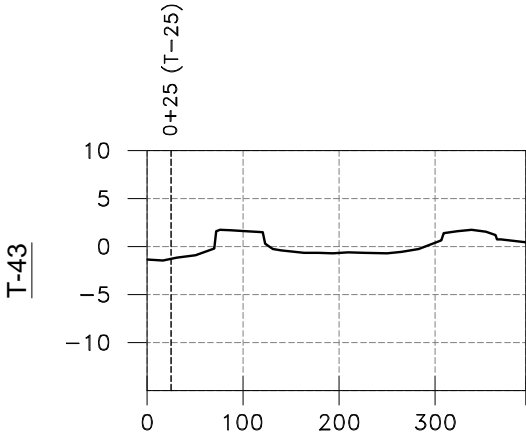
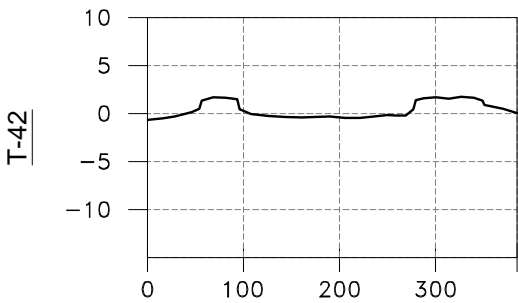
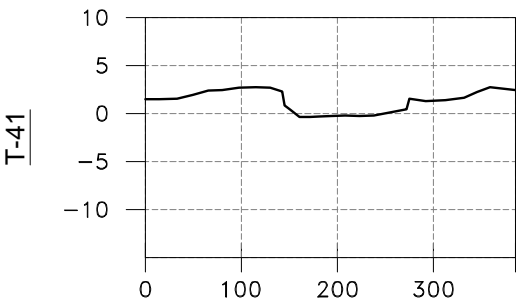
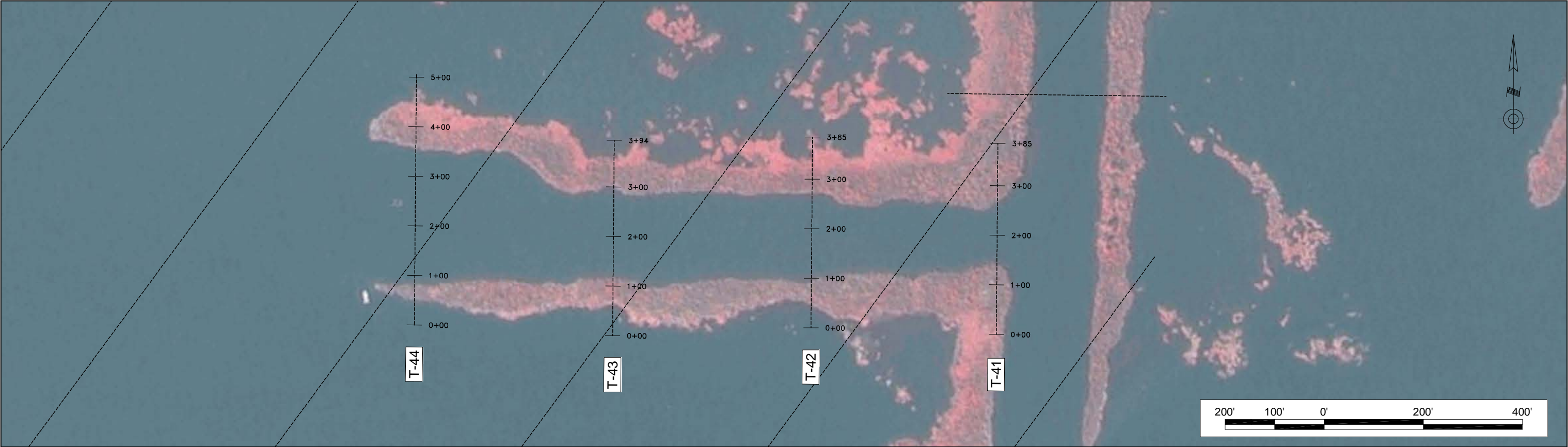
REV.	DATE	DESCRIPTION	BY



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BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT		TRANSECT PROFILES T-34 TO T-38
STATE PROJECT NUMBER: BA-48		
FEDERAL PROJECT NUMBER: BA-48		DATE: DECEMBER 2008
APPROVED BY:		SHEET 24 OF 37



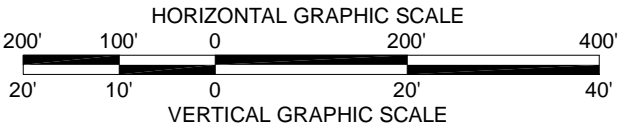
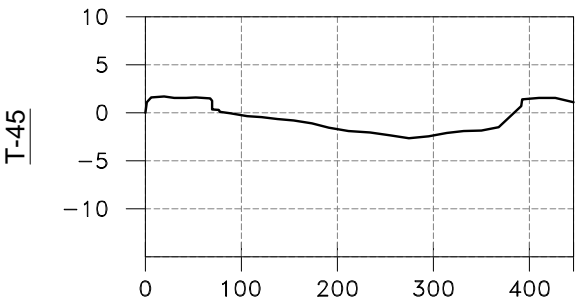
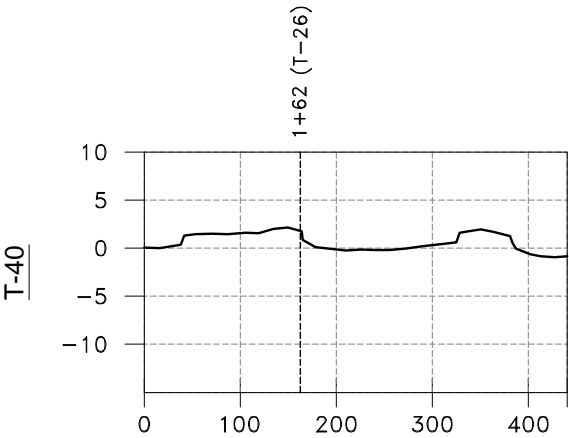
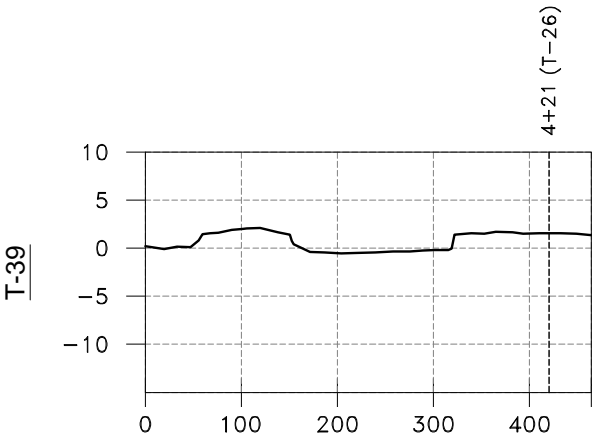
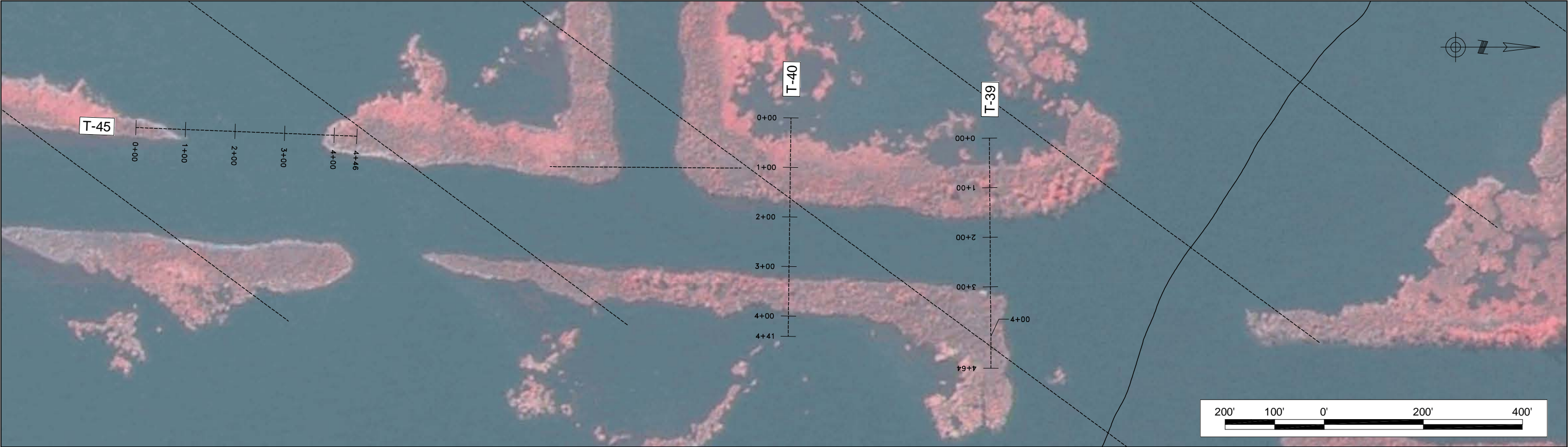


REV.	DATE	DESCRIPTION	BY

	
DRAWN BY:	J. BORDELON
DESIGNED BY:	

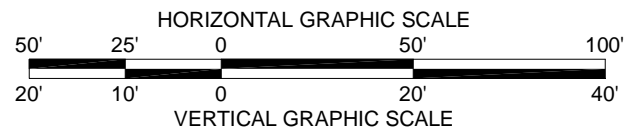
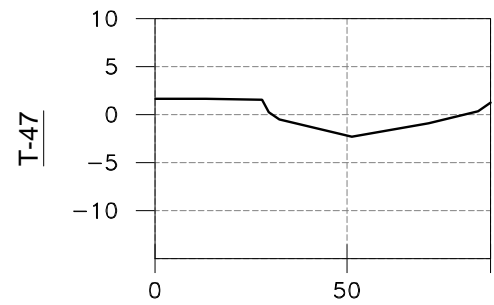
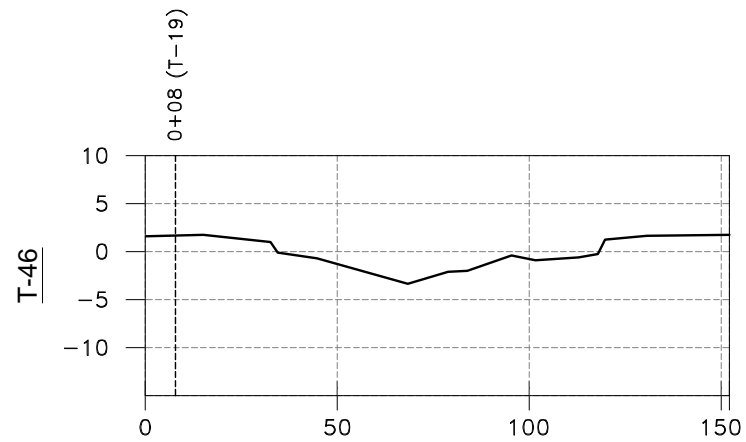
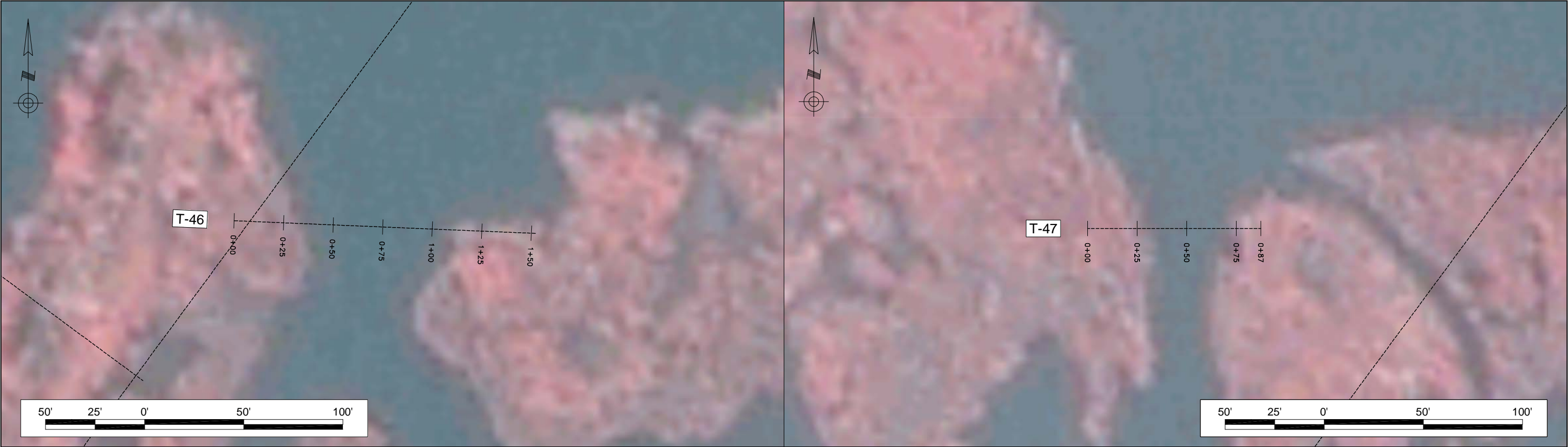
BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT	
STATE PROJECT NUMBER: BA-48	
FEDERAL PROJECT NUMBER: BA-48	
APPROVED BY:	

TRANSECT PROFILES T-41 TO T-44
DATE: DECEMBER 2008
SHEET 25 OF 37

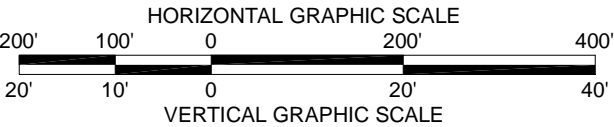
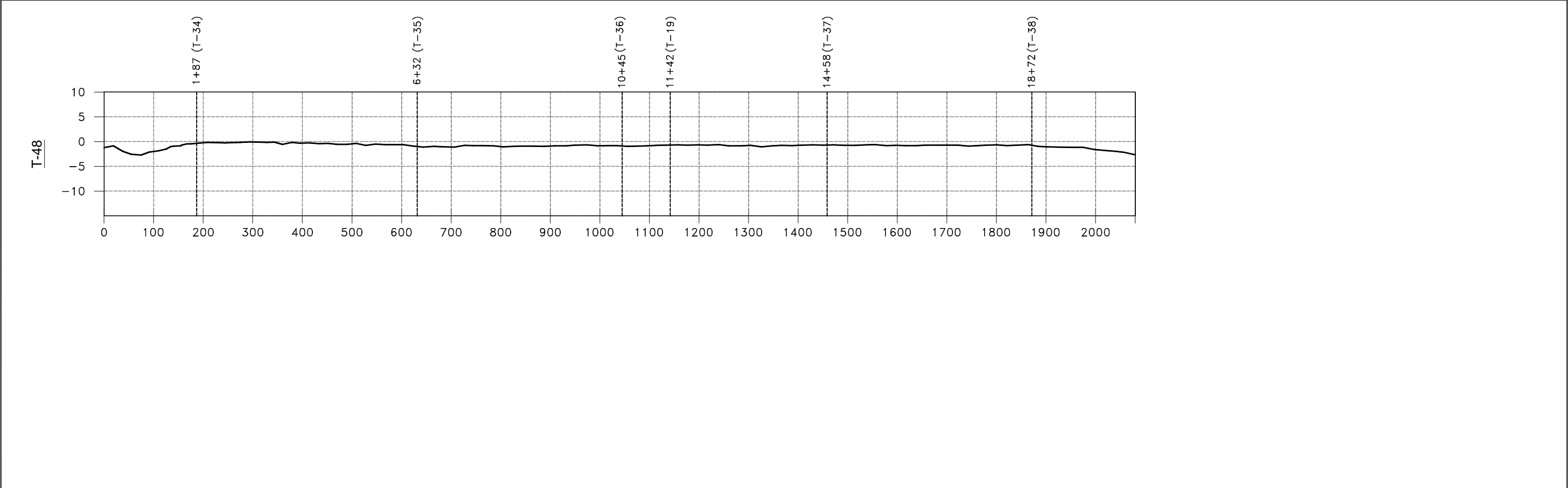
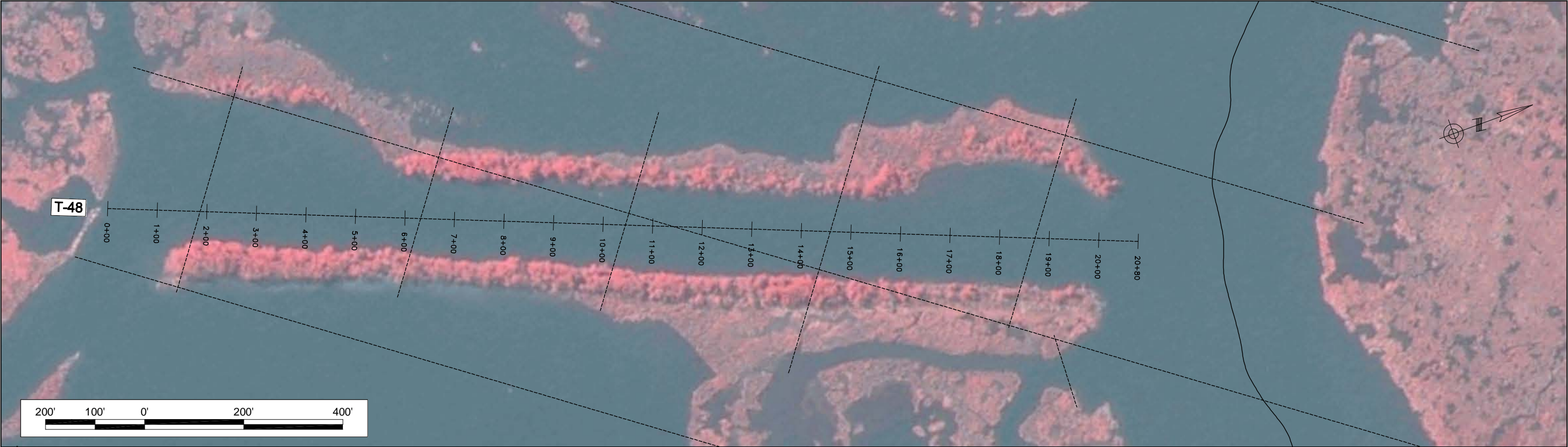


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						STATE PROJECT NUMBER: BA-48		DATE: DECEMBER 2008	
						FEDERAL PROJECT NUMBER: BA-48		SHEET 26 OF 37	
REV.	DATE	DESCRIPTION	BY	DRAWN BY: J. BORDELON		DESIGNED BY:		APPROVED BY:	



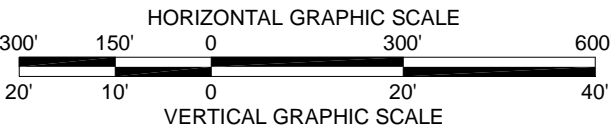
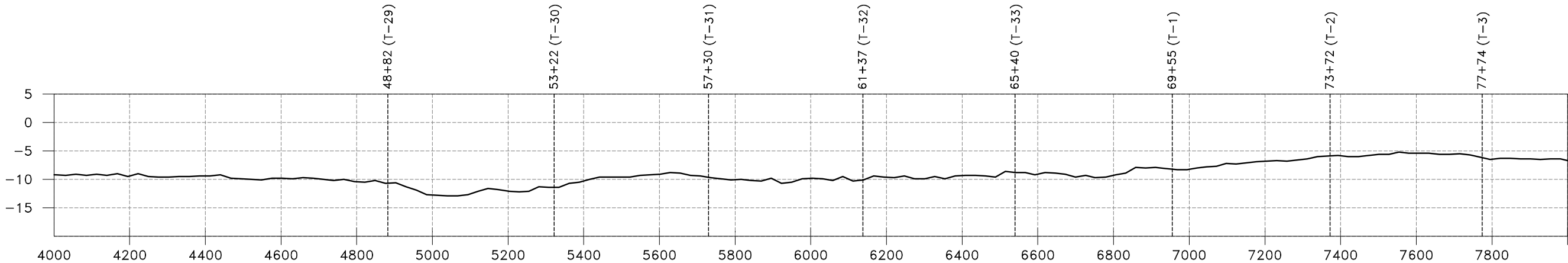
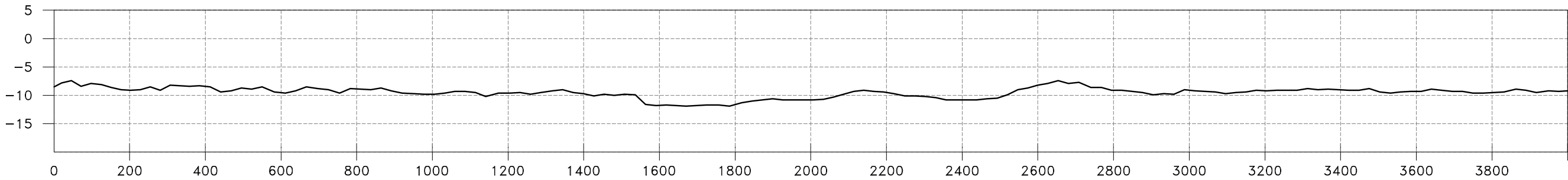
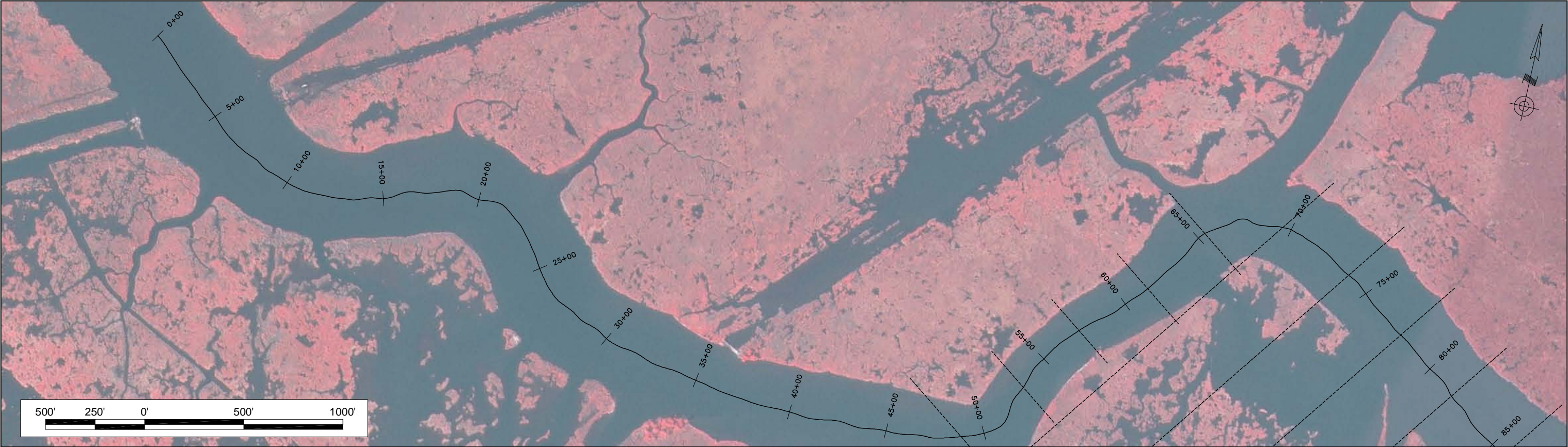


					BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT		TRANSECT PROFILES T-46 AND T-47
					STATE PROJECT NUMBER:   BA-48		
					FEDERAL PROJECT NUMBER:   BA-48		DATE:   DECEMBER 2008
REV.	DATE	DESCRIPTION	BY	DRAWN BY:   J. BORDELON	DESIGNED BY:	APPROVED BY:	SHEET 27 OF 37



						BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT		TRANSECT PROFILES T-48
						STATE PROJECT NUMBER: BA-48		
						FEDERAL PROJECT NUMBER: BA-48		DATE: DECEMBER 2008
REV.	DATE	DESCRIPTION	BY	DRAWN BY: J. BORDELON	DESIGNED BY:	APPROVED BY:	SHEET 28 OF 37	





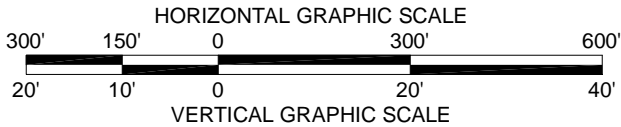
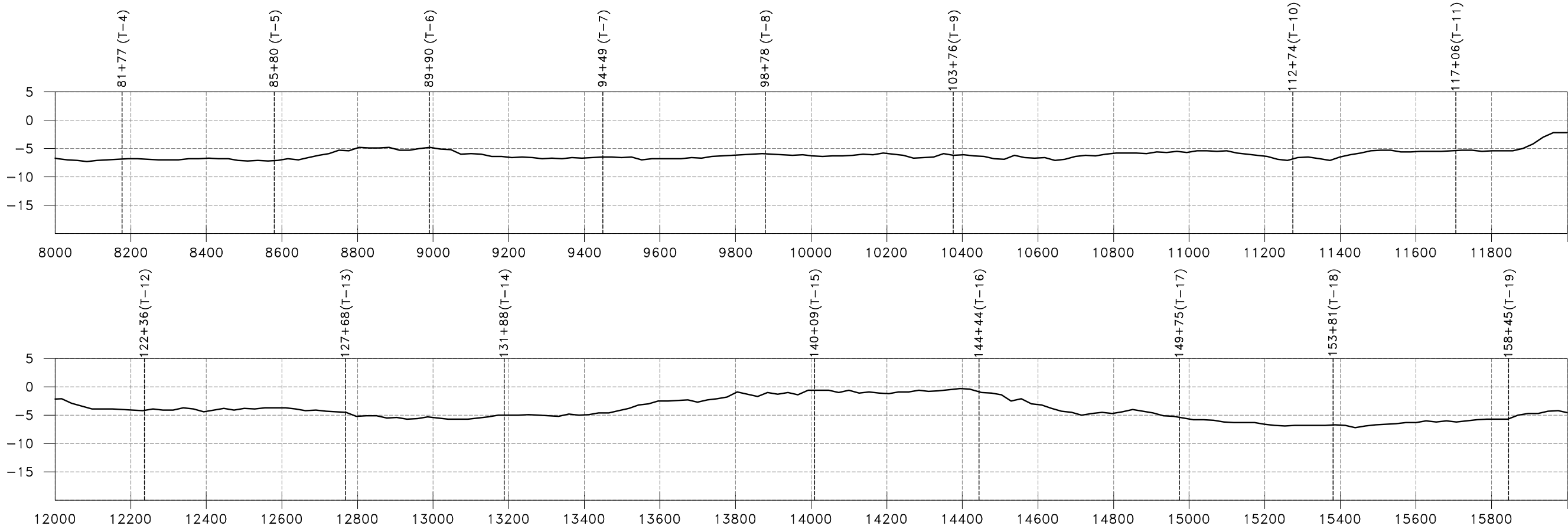
REV.	DATE	DESCRIPTION	BY

DRAWN BY: J. BORDELON	DESIGNED BY:

BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT
STATE PROJECT NUMBER: BA-48
FEDERAL PROJECT NUMBER: BA-48
APPROVED BY:

BAYOU DUPONT CENTERLINE PROFILE T-49: STA 0+00 - 80+00
DATE: DECEMBER 2008
SHEET 29 OF 37





REV.	DATE	DESCRIPTION	BY

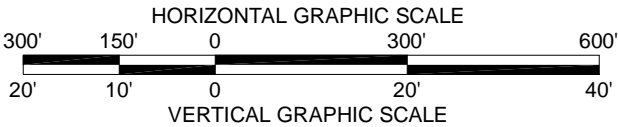
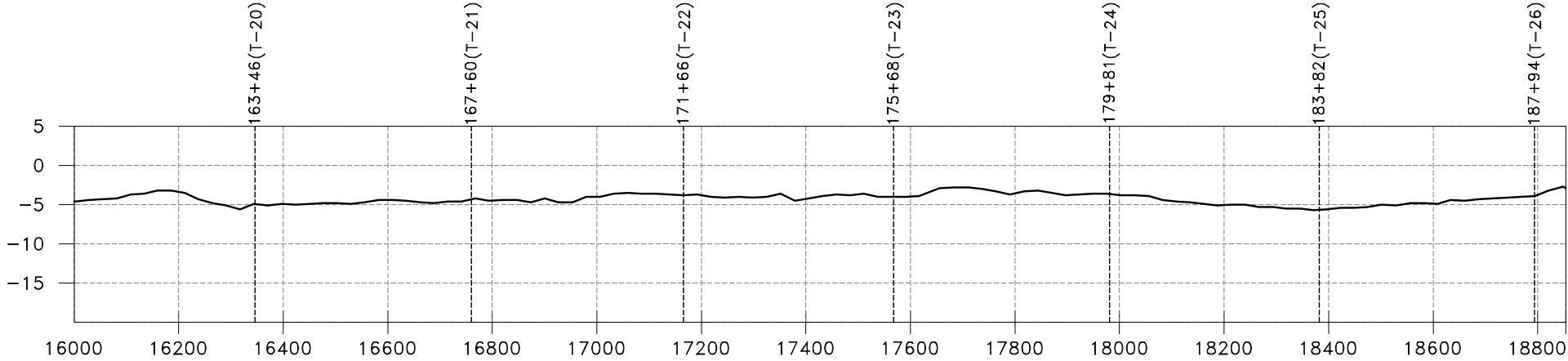


DRAWN BY: J. BORDELON	DESIGNED BY:
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BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT	
STATE PROJECT NUMBER: BA-48	
FEDERAL PROJECT NUMBER: BA-48	
APPROVED BY:	

BAYOU DUPONT CENTERLINE PROFILE T-49: STA 80+00 - 160+00	
DATE: DECEMBER 2008	
SHEET 30 OF 37	





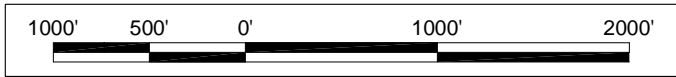
REV.	DATE	DESCRIPTION	BY



	
DRAWN BY:	J. BORDELON
DESIGNED BY:	

BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT	
STATE PROJECT NUMBER: BA-48	
FEDERAL PROJECT NUMBER: BA-48	
APPROVED BY:	

BAYOU DUPONT CENTERLINE PROFILE T-49: STA 160+00 - 188+53	
DATE: DECEMBER 2008	
SHEET 31 OF 37	





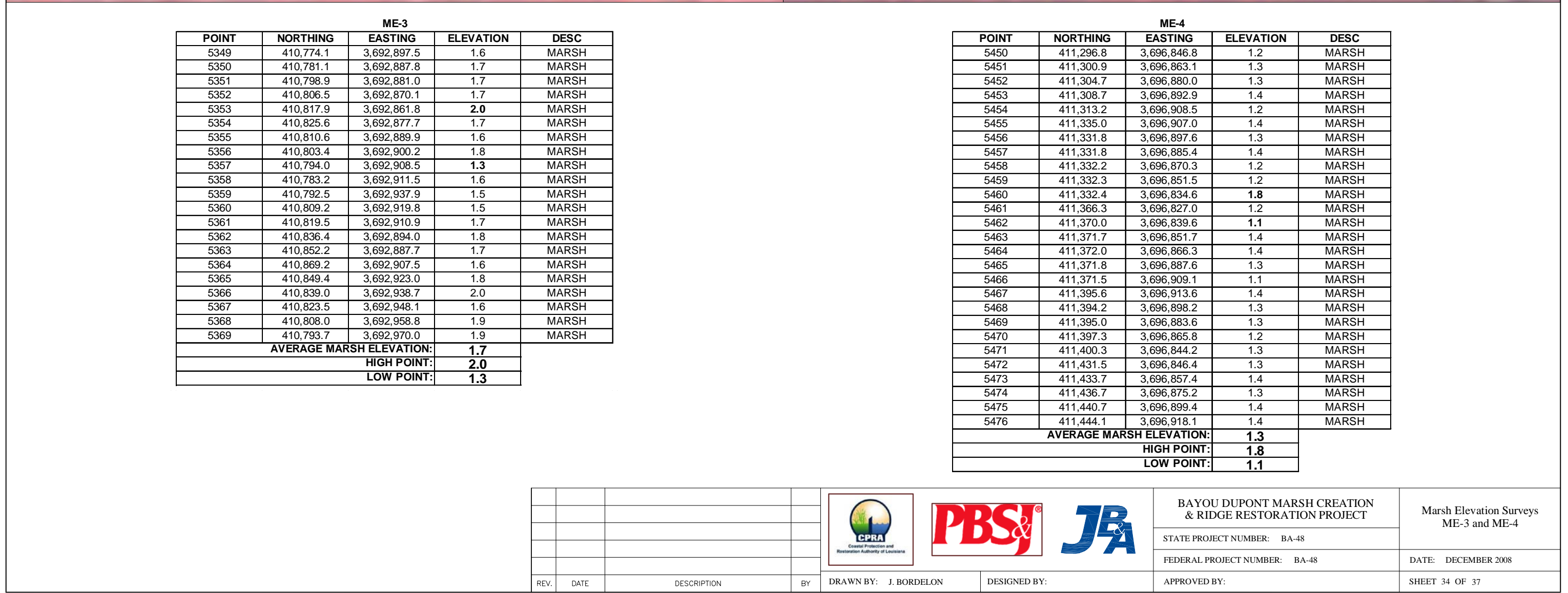
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								STATE PROJECT NUMBER: BA-48	
								FEDERAL PROJECT NUMBER: BA-48	
REV.	DATE	DESCRIPTION	BY	DRAWN BY: J. BORDELON		DESIGNED BY:		APPROVED BY:	SHEET 32 OF 37





ME-2				
POINT	NORTHING	EASTING	ELEVATION	DESC
5425	413,585.7	3,692,903.7	1.4	MARSH
5426	413,595.4	3,692,931.7	1.2	MARSH
5427	413,597.7	3,692,953.8	1.6	MARSH
5428	413,601.0	3,692,970.0	1.4	MARSH
5429	413,608.3	3,692,991.3	2.1	MARSH
5430	413,636.3	3,692,988.3	1.4	MARSH
5431	413,618.9	3,692,952.8	1.5	MARSH
5432	413,616.8	3,692,939.3	1.8	MARSH
5433	413,604.5	3,692,920.4	1.5	MARSH
5434	413,592.3	3,692,908.6	1.6	MARSH
5435	413,604.5	3,692,891.7	1.6	MARSH
5436	413,619.2	3,692,892.2	1.4	MARSH
5437	413,638.7	3,692,898.1	2.0	MARSH
5438	413,657.2	3,692,907.0	1.7	MARSH
5439	413,675.1	3,692,909.8	1.6	MARSH
5440	413,655.3	3,692,943.4	1.8	MARSH
5441	413,642.2	3,692,932.6	1.8	MARSH
5442	413,628.7	3,692,920.0	1.8	MARSH
5443	413,584.3	3,692,951.1	1.8	MARSH
5444	413,577.7	3,692,992.4	1.5	MARSH
5445	413,577.9	3,692,992.5	1.5	MARSH
5446	413,614.9	3,692,997.4	1.6	MARSH
5447	413,619.0	3,692,976.0	1.6	MARSH
5448	413,658.1	3,692,983.9	1.7	MARSH
5449	413,637.4	3,692,986.7	1.5	MARSH
AVERAGE MARSH ELEVATION:			1.6	
HIGH POINT:			2.1	
LOW POINT:			1.2	

				 	BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT	Marsh Elevation Surveys ME-1 and ME-2	
					STATE PROJECT NUMBER: BA-48		
					FEDERAL PROJECT NUMBER: BA-48	DATE: DECEMBER 2008	
REV.	DATE	DESCRIPTION	BY		DRAWN BY: J. BORDELON	DESIGNED BY:	APPROVED BY:

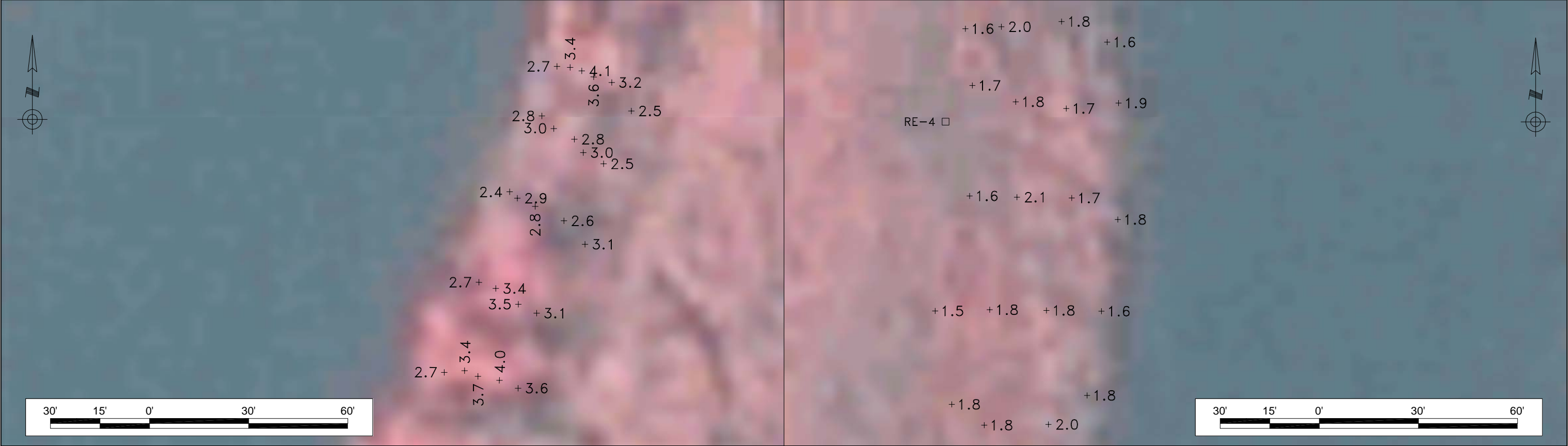






RE-2				
POINT	NORTHING	EASTING	ELEVATION	DESC
5373	412,799.0	3,691,162.6	1.8	MARSH
5374	412,808.3	3,691,174.7	1.6	MARSH
5375	412,818.4	3,691,175.7	1.3	MARSH
5376	412,825.8	3,691,179.6	1.5	MARSH
5377	412,838.7	3,691,186.3	1.2	MARSH
5380	412,846.2	3,691,219.3	1.3	MARSH
5381	412,825.7	3,691,219.1	1.3	MARSH
5382	412,811.3	3,691,219.2	1.3	MARSH
5383	412,809.9	3,691,251.2	1.4	MARSH
5384	412,821.8	3,691,253.5	1.4	MARSH
5385	412,833.2	3,691,254.4	1.3	MARSH
5386	412,844.9	3,691,255.8	1.3	MARSH
5387	412,856.6	3,691,260.2	0.9	MARSH
5388	412,854.6	3,691,303.3	1.5	MARSH
5389	412,842.8	3,691,308.5	1.6	MARSH
5390	412,830.5	3,691,312.2	1.4	MARSH
5391	412,821.3	3,691,317.9	1.2	MARSH
AVERAGE RIDGE ELEVATION:			1.4	
HIGH POINT:			1.8	
LOW POINT:			0.9	

				<div></div>		<div>BAYOU DUPONT MARSH CREATION &amp; RIDGE RESTORATION PROJECT</div>	Ridge Elevation Surveys RE-1 and RE-2
						STATE PROJECT NUMBER: BA-48	
						FEDERAL PROJECT NUMBER: BA-48	DATE: DECEMBER 2008
REV.	DATE	DESCRIPTION	BY	DRAWN BY: J. BORDELON	DESIGNED BY:	APPROVED BY:	SHEET 35 OF 37



RE-3				
POINT	NORTHING	EASTING	ELEVATION	DESC
5315	410,521.1	3,694,398.6	2.7	TOP BANK
5316	410,519.2	3,694,403.7	3.5	GROUND
5317	410,514.4	3,694,410.5	3.5	GROUND
5318	410,511.7	3,694,416.1	3.1	GROUND
5319	410,489.0	3,694,410.5	3.6	GROUND
5320	410,491.4	3,694,404.8	4.0	GROUND
5321	410,492.6	3,694,398.3	3.7	GROUND
5322	410,494.3	3,694,394.3	3.4	GROUND
5323	410,493.8	3,694,388.1	2.7	TOP BANK
5324	410,532.6	3,694,430.7	3.1	GROUND
5325	410,539.7	3,694,424.3	2.6	GROUND
5326	410,544.0	3,694,415.6	2.8	GROUND
5327	410,546.5	3,694,410.2	2.9	GROUND
5328	410,548.5	3,694,407.9	2.4	TOP BANK
5329	410,571.4	3,694,417.7	2.8	TOP BANK
5330	410,567.6	3,694,421.2	3.0	GROUND
5331	410,564.4	3,694,427.5	2.8	GROUND
5332	410,560.3	3,694,430.1	3.0	GROUND
5333	410,556.9	3,694,436.3	2.5	GROUND
5334	410,573.0	3,694,444.7	2.5	GROUND
5335	410,581.6	3,694,438.8	3.2	GROUND
5336	410,583.2	3,694,433.3	3.7	GROUND
5337	410,585.1	3,694,429.7	4.1	GROUND
5338	410,586.1	3,694,426.2	3.4	GROUND
5339	410,586.4	3,694,422.2	2.7	TOP BANK
AVERAGE RIDGE ELEVATION:			3.1	
HIGH POINT:			4.1	
LOW POINT:			2.4	

RE-4				
POINT	NORTHING	EASTING	ELEVATION	DESC
4974	409,314.1	3,696,858.0	1.6	GROUND
4975	409,314.7	3,696,868.8	2.0	GROUND
4976	409,316.3	3,696,887.1	1.8	GROUND
4977	409,310.1	3,696,900.9	1.6	GROUND
4978	409,291.6	3,696,904.4	1.9	GROUND
4979	409,290.0	3,696,888.5	1.7	GROUND
4980	409,292.0	3,696,873.2	1.8	GROUND
4981	409,296.9	3,696,860.1	1.7	GROUND
4982	409,263.5	3,696,859.3	1.6	GROUND
4983	409,263.1	3,696,873.6	2.1	GROUND
4984	409,262.8	3,696,890.1	1.7	GROUND
4985	409,256.3	3,696,904.1	1.8	GROUND
4986	409,228.6	3,696,899.2	1.6	GROUND
4987	409,228.8	3,696,882.5	1.8	GROUND
4988	409,229.0	3,696,865.3	1.8	GROUND
4989	409,228.7	3,696,848.8	1.5	GROUND
4990	409,200.4	3,696,853.8	1.8	GROUND
4991	409,194.1	3,696,863.7	1.9	GROUND
4992	409,194.3	3,696,883.1	2.0	GROUND
4993	409,203.1	3,696,894.8	1.8	GROUND
AVERAGE RIDGE ELEVATION:			1.8	
HIGH POINT:			2.1	
LOW POINT:			1.5	



TABLE 1: FILL AREA TRANSECTS							
TRANSECT	BEGINNING			ENDING			LENGTH (ft)
	PT	NORTHING	EASTING	PT	NORTHING	EASTING	
T-1	100	413,545	3,687,708	200	415,367	3,689,053	2,264
T-2	101	413,304	3,688,027	201	415,198	3,689,425	2,355
T-3	102	413,062	3,688,346	202	414,981	3,689,762	2,385
T-4	103	412,821	3,688,665	203	414,721	3,690,067	2,362
T-5	104	412,579	3,688,984	204	414,545	3,690,435	2,443
T-6	105	412,338	3,689,303	205	414,258	3,690,720	2,386
T-7	106	412,097	3,689,622	206	413,877	3,690,936	2,212
T-8	107	411,855	3,689,941	207	413,468	3,691,131	2,005
T-9	108	411,614	3,690,260	208	413,750	3,691,836	2,655
T-10	109	411,372	3,690,579	209	413,763	3,692,343	2,972
T-11	110	411,131	3,690,898	210	413,545	3,692,679	3,000
T-12	111	410,889	3,691,217	211	413,133	3,692,872	2,788
T-13	112	410,648	3,691,536	212	413,113	3,693,355	3,063
T-14	113	410,407	3,691,855	213	412,500	3,693,399	2,601
T-15	114	410,165	3,692,174	214	412,548	3,693,932	2,962
T-16	115	409,924	3,692,493	215	412,163	3,694,145	2,782
T-17	116	409,682	3,692,812	216	411,653	3,694,266	2,448
T-18	117	409,441	3,693,131	217	411,391	3,694,570	2,424
T-19	118	409,200	3,693,450	218	411,456	3,695,115	2,805
T-20	119	408,958	3,693,769	219	411,394	3,695,566	3,027
T-21	120	408,717	3,694,088	220	411,194	3,695,916	3,079
T-22	121	408,475	3,694,407	221	411,018	3,696,283	3,160
T-23	122	408,234	3,694,726	222	410,884	3,696,681	3,293
T-24	123	407,993	3,695,045	223	410,534	3,696,920	3,159
T-25	124	407,751	3,695,364	224	410,199	3,697,170	3,042
T-26	125	407,510	3,695,683	225	409,906	3,697,451	2,978
T-27	126	407,268	3,696,002	226	408,816	3,697,144	1,923
T-28	127	407,027	3,696,320	227	408,122	3,697,129	1,361
T-29	128	413,966	3,687,224	228	413,485	3,687,876	809
T-30	129	414,182	3,687,605	229	413,933	3,687,942	420
T-31	130	414,512	3,687,831	230	414,284	3,688,140	383
T-32	131	414,808	3,688,104	231	414,550	3,688,453	434
T-33	132	415,173	3,688,283	232	414,864	3,688,702	521
T-34	133	409,403	3,693,529	233	409,132	3,693,897	457
T-35	134	409,773	3,693,754	234	409,542	3,694,067	389
T-36	135	410,157	3,693,907	235	409,919	3,694,229	400
T-37	136	410,597	3,693,984	236	410,241	3,694,467	600
T-38	137	410,919	3,694,221	237	410,682	3,694,543	400
T-39	138	409,551	3,696,776	238	409,554	3,697,186	410
T-40	139	409,151	3,696,751	239	409,145	3,697,166	415
T-41	140	409,050	3,696,831	240	408,676	3,696,828	374
T-42	141	409,047	3,696,457	241	408,678	3,696,454	369
T-43	142	409,044	3,696,057	242	408,680	3,696,054	364
T-44	143	409,175	3,695,658	243	408,697	3,695,654	478
T-45	144	408,261	3,696,766	244	407,851	3,696,750	410
T-46	145	410,759	3,694,608	245	410,754	3,694,727	119
T-47	146	412,806	3,690,953	246	412,806	3,691,030	77
T-48	147	409,099	3,693,619	247	410,976	3,694,470	2,061
T-49	148	414,811	3,683,129	248	409,844	3,697,156	18,881

TABLE 2: AVERAGE MARSH ELEVATION SURVEY POINTS			
SITE	PT	NORTHING	EASTING
ME-1	504	415,014	3,690,029
ME-2	505	413,594	3,692,883
ME-3	506	410,802	3,692,896
ME-4	507	411,295	3,696,838

TABLE 3: AVERAGE RIDGE ELEVATION SURVEY POINTS			
SITE	PT	NORTHING	EASTING
RE-1	500	414,451	3,688,354
RE-2	501	412,850	3,691,183
RE-3	502	410,290	3,694,308
RE-4	503	409,286	3,696,852

TABLE 4: MAGNETOMETER LINE COORDINATES							
TRANSECT	BEGINNING			ENDING			LENGTH (ft)
	PT	NORTHING	EASTING	PT	NORTHING	EASTING	
M-1	300	413,304	3,688,027	400	415,198	3,689,425	2,355
M-2	301	412,821	3,688,665	401	414,721	3,690,067	2,362
M-3	302	412,338	3,689,303	402	414,258	3,690,720	2,386
M-4	303	411,855	3,689,941	403	413,468	3,691,131	2,005
M-5	304	411,372	3,690,579	404	413,763	3,692,343	2,972
M-6	305	410,889	3,691,217	405	413,133	3,692,872	2,788
M-7	306	410,408	3,691,853	406	412,500	3,693,399	2,601
M-8	307	409,924	3,692,493	407	412,163	3,694,145	2,782
M-9	308	409,441	3,693,131	408	411,391	3,694,570	2,424
M-10	309	408,958	3,693,769	409	411,394	3,695,566	3,027
M-11	310	408,475	3,694,407	410	411,018	3,696,283	3,160
M-12	311	407,993	3,695,045	411	410,534	3,696,920	3,159
M-13	312	407,510	3,695,683	412	409,906	3,697,451	2,978
M-14	313	407,027	3,696,320	413	408,122	3,697,129	1,361
M-15	314	413,966	3,687,153	414	406,851	3,696,553	11,789
M-16	315	414,234	3,687,627	415	407,196	3,696,926	11,662
M-17	316	414,763	3,687,756	416	407,648	3,697,156	11,789
M-18	317	415,046	3,688,210	417	408,299	3,697,125	11,180
M-19	318	413,609	3,687,623	418	409,834	3,697,206	10,300

NOTE:  
COORDINATES ABOVE ARE LOUISIANA STATE PLANE GRID  
COORDINATES (SOUTH ZONE) FEET, NAD 83.

				<div></div>	BAYOU DUPONT MARSH CREATION & RIDGE RESTORATION PROJECT		STATE PROVIDED DATA POINT TABLES
					STATE PROJECT NUMBER:   BA-48		
					FEDERAL PROJECT NUMBER:   BA-48		DATE:   DECEMBER 2008
REV.	DATE	DESCRIPTION	BY		DRAWN BY:   J. BORDELON	DESIGNED BY:	SHEET 37 OF 37

# **Appendices**



## **Appendix A**

### ***Scope of Services***



# State of Louisiana

BOBBY JINDAL  
GOVERNOR

August 20, 2008

Mr. Don Boyle  
PBS&J  
3501 North Causeway Boulevard Suite 725  
Metairie, Louisiana 70002

Re: LDNR Contract No. 2503-08-18  
"Surveying Services for Coastal Restoration Projects"  
Request for Cost Proposal and Schedule for Bayou Dupont Marsh Creation and  
Ridge Restoration (BA-48) Surveying

Dear Mr. Boyle:

LDNR/CED hereby requests an itemized time and cost estimate to perform the work associated with the attached Scope of Services. Please include in your response a project schedule that begins with receipt of the Notice to Proceed and concludes with the distribution of deliverables to CED.

Please submit your completed cost estimate and work schedule to me on or before September 5, 2008. If there are any questions, please call me at 225-342-9419.

Sincerely,

*Whitney C. Thompson, E.I.*

Whitney C. Thompson, E.I.  
Project Engineer/Task Manager

c: Luke LeBas, Engineer Manager  
Pam Burleigh, Project Manager  
Danielle Stafford, Contract Manager



**LOUISIANA DEPARTMENT OF NATURAL RESOURCES**  
**OFFICE OF COASTAL RESTORATION AND MANAGEMENT**  
**COASTAL ENGINEERING DIVISION**

**SCOPE OF SERVICES FOR  
TOPOGRAPHIC, BATHYMETRIC, AND MAGNETOMETER SURVEY**

**Bayou Dupont Marsh Creation and Ridge Restoration Project (BA-48)  
JEFFERSON PARISH, LOUISIANA**

**August 2008**

**1.0 INTRODUCTION**

The Bayou Dupont Marsh Creation and Ridge Restoration project is funded by the Coastal Wetlands Planning, Protection, and Restoration Act under Priority Project List 17 in partnership with the National Marine Fisheries Service (NMFS). The proposed project will create and nourish approximately 300 acres of marsh habitat and restore approximately 15 acres of the historic Bayou Dupont ridge in an area that is now open water and broken marsh. This area has undergone marsh reduction due to altered hydrology, wind erosion, and saltwater intrusion.

**2.0 DESCRIPTION**

Approximately 300 acres of marsh will be created and nourished by hydraulically pumping dredged material from the Mississippi River to a designated fill area adjacent to Bayou Dupont. The fill area will be formed by constructing earthen dikes around the boundaries of the marsh creation area. This scope of services involves the completion of topographic, bathymetric, and magnetometer surveys of the proposed fill areas and Bayou Dupont as shown on the Project Layout (Sheet 1) located in Appendix A.

**3.0 LOCATION**

The project site is located in Jefferson Parish, Louisiana, along the southern bank of Bayou Dupont, southeast of the Pen, approximately 4.5 miles southeast of Lafitte. The approximate coordinates of the center of the project areas are as follows: X=3,692,332, Y=411,524 (NAD 83 Louisiana State Plane, South Zone, U.S. survey feet).

**4.0 SCOPE OF WORK**

The surveying firm, hereinafter referred to as "Contracting Party", shall perform all surveying necessary for the Bayou Dupont Marsh Creation and Ridge Restoration Project, as outlined in the following subsections:

#### **4.1 Permission and Access**

Rights of entry to privately owned property must be respected by all LDNR contractors. The Contracting Party shall be required to contact the landowners and secure access permission prior to performing surveys in any part of the project area. Failure to adhere to the above-stated LDNR policy will be considered grounds for termination of the contract. Access to the proposed marsh creation fill site can be secured by contacting the following individual:

Webb Worthington Trust  
C/O Courtney Webb McKinney  
4209 Delaware Ave.  
Kenner, LA 70065  
504-431-2631

Edwin G. Perrin  
4634 Jean Lafitte Blvd.  
Lafitte, LA 70067  
504-689-3747

Jarret and Rachel Polkey, et al  
2811 Jean Lafitte Blvd.  
Lafitte, LA 70067  
504-689-4259

Patricia Lawson Jones, et al  
C/O N. P. Phillips  
826 Union St. Suite 200  
New Orleans, LA  
504-894-0600

Louisiana Land and Exploration Company  
C/O Conoco Phillips  
806 Bayou Black Dr.  
Houma, LA 70360  
985-879-1517

#### **4.2 Navigable Waterway Hazard Notification**

The Contracting Party shall be responsible for notification and coordination with the USACE and any Levee Board agencies if the work to be performed under this scope of services is within the jurisdictional foot print that requires any such coordination. Additionally, if any work under this scope of services is expected to interfere with navigation, the Contracting Party shall be responsible for notification, coordination, and addressing with appropriate actions of all such potential navigational interferences with the USACE and the U.S. Coast Guard. LDNR shall be kept abreast of any relevant communications and courses of action



and shall be provided a copy of all official written documentation.

#### 4.3 Horizontal and Vertical Control

The Contracting Party shall utilize four (4) secondary monuments that are part of the Louisiana Coastal Zone (LCZ) Secondary GPS Network. The locations of the secondary monuments are shown on the Project Layout (Sheet 1) located in Appendix A, and the coordinates are listed in the Table 1. All coordinates listed are in LA State Plane, South Zone, NAD 83 (ft.). Data sheets for these monuments can be found in Appendix B.

MONUMENT ID	X NAD83 LA S 1702, FT	Y NAD83 LA S 1702, FT	ELEVATION NAVD88, FT
BA03C-SM-02	3,701,364.99	423,541.03	-0.67
BA23-SM-02	3,680,575.17	403,728.62	4.71
BA27-SM-03	3,667,812.57	420,347.20	1.09
BA41-SM-01	3,673,985.68	417,912.65	4.78

**Table 1: LCZ Secondary Monument Locations**

\* LDNR is currently in the process of updating the LCZ GPS Network. Contact LDNR for the latest positional values before commencing field activities.

#### 4.4 Baseline Survey

The Contracting Party shall establish a survey baseline within the project area. The baseline shall be marked and shall be laid out using a minimum number of points of inflection. The baseline shall be marked with flagged ½” diameter polyvinyl chloride (PVC) pipe or equivalent for reoccupation during construction.

#### 4.5 Staff Gage

The Contracting Party shall establish one (1) staff gage in the project area at a location that can be easily accessed on a daily basis. This location must be approved by LDNR before the installation process can begin. The gage shall be surveyed into the SLCW Secondary Network using one of the secondary monuments listed in Table 1. Installation and surveying techniques used for the proposed staff gage shall follow the guidelines listed in **Section J** of the survey manual titled “**A Contractor’s Guide to Minimum Standards**”, **May 2007**, which has been published by LDNR to assist surveying contractors (LDNR can provide upon request). The purpose of the gage is to collect Mean High Water (MHW) and Mean Low Water (MLW) elevations throughout the duration of the survey effort. Water level elevations (NAVD88) shall also be collected at the beginning and end of each day. This information shall be depicted in table form in the survey report.

#### **4.6 Marsh Creation and Ridge Restoration Fill Area Survey**

At a minimum, survey transects shall be laid out in open water, broken marsh, remnant ridge, and across Bayou Dupont at the proposed marsh creation location and shall be spaced every 400 ft as shown on the Survey Layout (Sheet 2) located in Appendix A. Coordinates of the beginning and ending points of the proposed transects are shown on Sheet 4, "Transect/Point Coordinates", located in Appendix A. The survey transects are to be placed perpendicular to the baseline. Transects shall extend across the marsh fill area, ridge restoration area, bayou, and then extend 50 ft into the marsh on the opposite side of Bayou Dupont. Profiles shall be taken along the centerline of Bayou Dupont, from the Pen to the eastern boundary of the project area, and along the pipeline canal that separates the two marsh creation areas. Position, elevation, and description shall be recorded every 25 ft along each transect or where elevation changes of greater than 0.5 ft occur. A 6" diameter metal plate shall be attached to the bottom of the survey rod to prevent the rod from sinking. Side shots, as necessary, shall be taken to pick up variations in topographic features (highs and lows) such as trenasses, meandering channels, broken marsh areas, or any other existing features such as utility lines, well heads, and warning signs, which may affect project design implementation.

#### **4.7 Average Marsh and Ridge Elevation Surveys**

Average marsh elevation or average ridge elevation (NAVD 88) are to be determined at five locations in the project area as shown on the Survey Layout (Sheet 2) in Appendix A. Coordinates of these points are shown in Tables 2 and 3 on Sheet 4, "Survey Coordinates", in Appendix A. The marsh or ridge surface is reached when the survey rod is resting among living stems or is supported by soil containing living roots. In order to get a consistent reading, it will often be necessary to cut stems in some marsh or ridge vegetation where stem density is extremely high. A minimum of 20 elevations (each separated by 20 to 40 ft) at each of the eight (8) sites are required for this determination. The Contracting Party shall contact Mr. Barry Richard of LDNR (504-280-4059) prior to performing the average marsh elevation survey.

#### **4.8 Magnetometer Survey**

The Contracting Party shall perform a magnetometer survey in the proposed marsh creation areas and Bayou Dupont, as shown on the Magnetometer Survey Layout (Sheet 3) in Appendix A, to locate any pipelines or obstructions in the area. Magnetometer survey transects shall be run along the baseline and transects T-2, T-4, T-6, T-8, T-10, T-12, T-14, T-16, T-18, T-20, T-22, T-24, T-26, T-28, and T-49. Additionally, three perpendicular lines shall be surveyed as shown on the Magnetometer Survey Layout (Sheet 3) in Appendix A. Table 4 on Sheet 4, "Transect/Point Coordinates", in Appendix A, shows the coordinates of each proposed magnetometer line. For each magnetic finding, the Contracting Party shall run a closed loop path with the magnetometer. This path shall completely enclose the original finding location, while maintaining a distance of



approximately 25 ft from that location. A 25 ft radius circular, or 25 ft x 25 ft rectangular, path shall suffice. The Contracting Party shall determine the source (e.g., pipeline, well, etc.) of each finding. If a pipeline is detected, the Contracting Party shall probe to the pipeline and determine the depth of cover and the elevation of the top of the pipeline. The pipeline locations shall be shown in plan view on 11" x 17" layout(s).

#### **4.9 Aerial Photograph Overlay**

All surveys shall be overlaid onto 2004 (or later) Digital Orthophoto Quarter Quadrangle (DOQQ) aerial photographs. The Contracting Party is responsible for obtaining any additional information needed to reference the surveys required by this scope to the aerial photography.

#### **4.10 Preliminary Submittals**

In addition to the deliverables requested in this scope of services, two sets of 11" x 17" preliminary drawings and data sets shall be delivered to Ms. Whitney Thompson, E.I. for technical review and comment before the remaining deliverables are finalized.

Please send all preliminary and final deliverables to the following address:

Whitney C. Thompson, E.I.  
Coastal Engineering Division  
La. Dept. of Natural Resources  
617 N. Third St., 10<sup>th</sup> Floor  
Baton Rouge, LA 70802  
(225) 342-9419

### **5.0 DELIVERABLES**

**5.1** Three (3) copies of a report describing the survey methodology employed in the field. The report shall also contain the following:

- A set of half size (11" x 17") drawings including a plan view showing all survey lines and sheets showing all cross sectional diagrams. The elevations shall be referenced to NAVD 88.
- A hard copy of the data sets\*:
  1. Baselines-include all stations and P.I.'s
  2. Fill Site Survey Transects (by station number)-include point number, northing, easting, elevation, and description.
  3. Magnetometer Survey Readings

\*The horizontal coordinates shall be referenced to the Louisiana State Plane Coordinate System South Zone, NAD83. The elevations shall be referenced to NAVD88. This file listing shall be stored in a comma delimited ASCII format.

- A copy of the field notebook records.

**5.2** On the plan view(s) overlay the Louisiana State Plane Coordinates System South Zone, NAD83. Also include a table with benchmark locations (in State Plane and Geographic coordinates) and elevations (NAVD88) on which the survey is based. Show the state project name and number on all drawings.

**5.3** Two digital copies of the following files (on separate CD disks):

- Report describing the survey methodology employed in the field
- Drawing files in AutoCAD 2004 (.dwg) or later format (Please contact Ms. Thompson concerning drawing scales)
- All data sets listed in Section 5.1 (in .csv format)

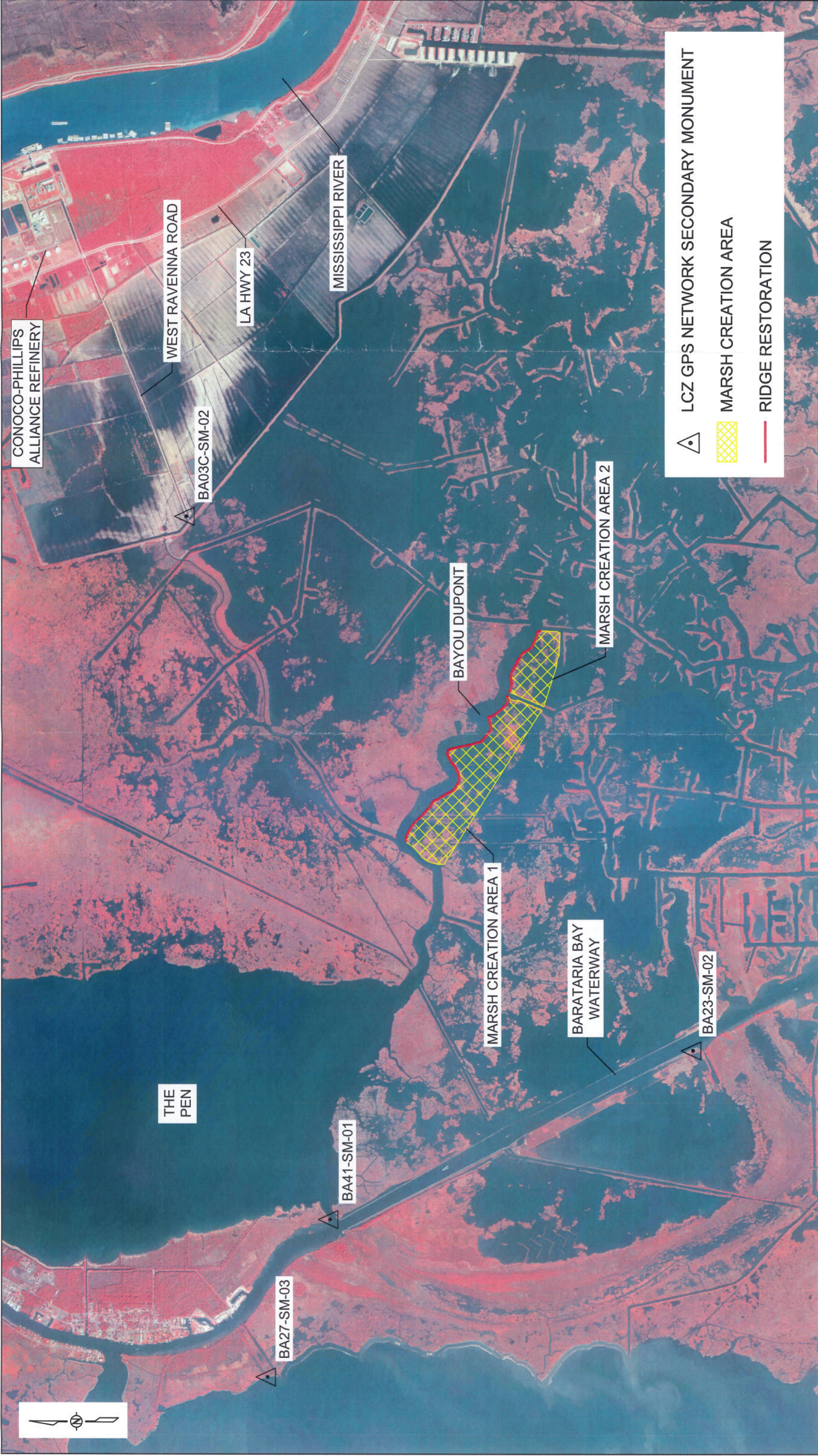
## **6.0 CERTIFICATION**

All deliverables shall be certified by a Professional Land Surveyor licensed by the State of Louisiana.



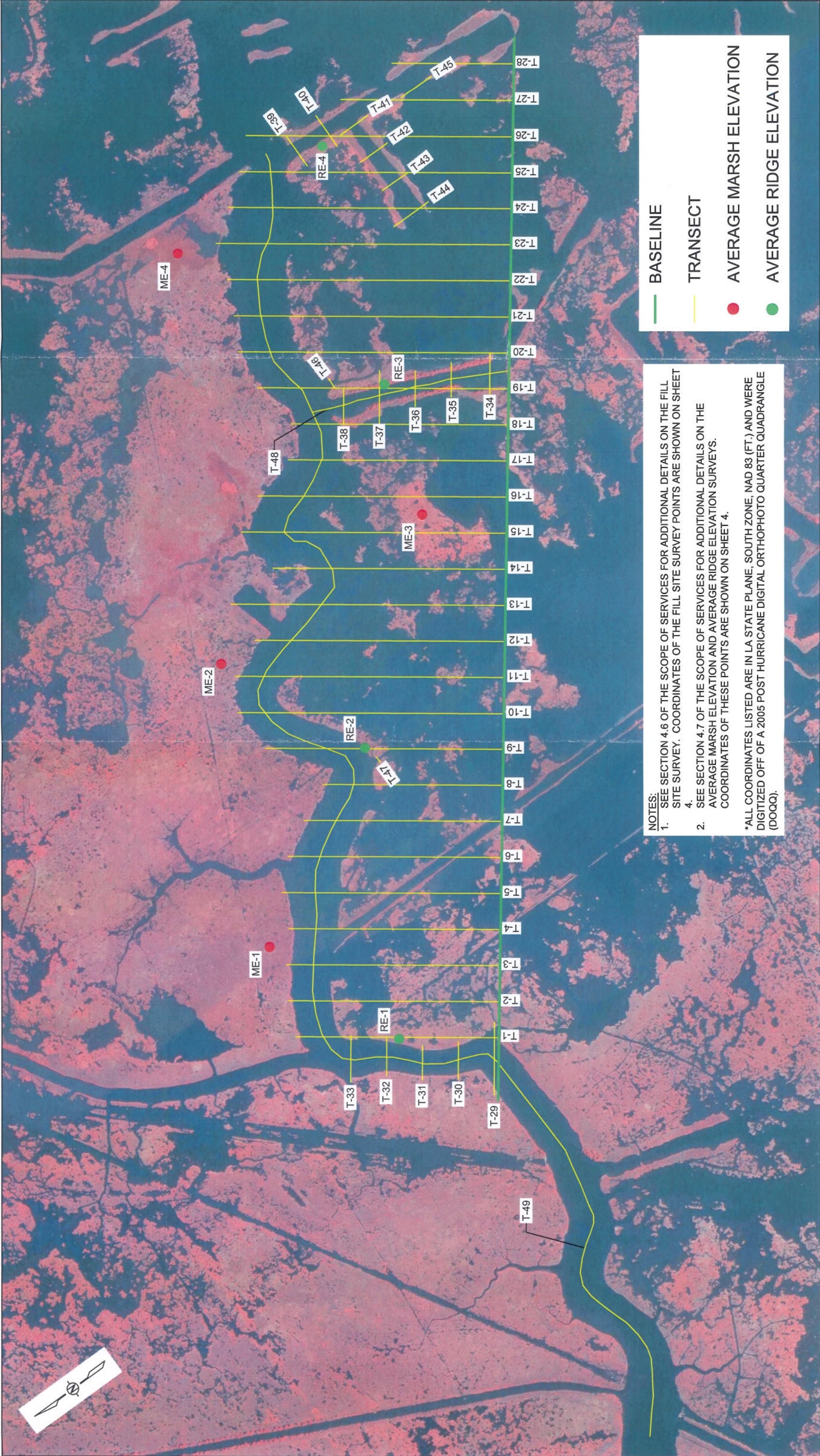
## **APPENDIX A**





				LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802		BAYOU DUPONT MARSH CREATION AND RIDGE RESTORATION		PROJECT LAYOUT
							STATE PROJECT NUMBER: BA-48	
							FEDERAL PROJECT NUMBER: BA-48	
REV.	DATE	DESCRIPTION	BY	DRAWN BY: W. THOMPSON, E.I.		DESIGNED BY: W. THOMPSON, E.I.		DATE: JULY 2008
						APPROVED BY: RUSS JOFFRION, P.E.		SHEET 1 OF 4





NOTES:

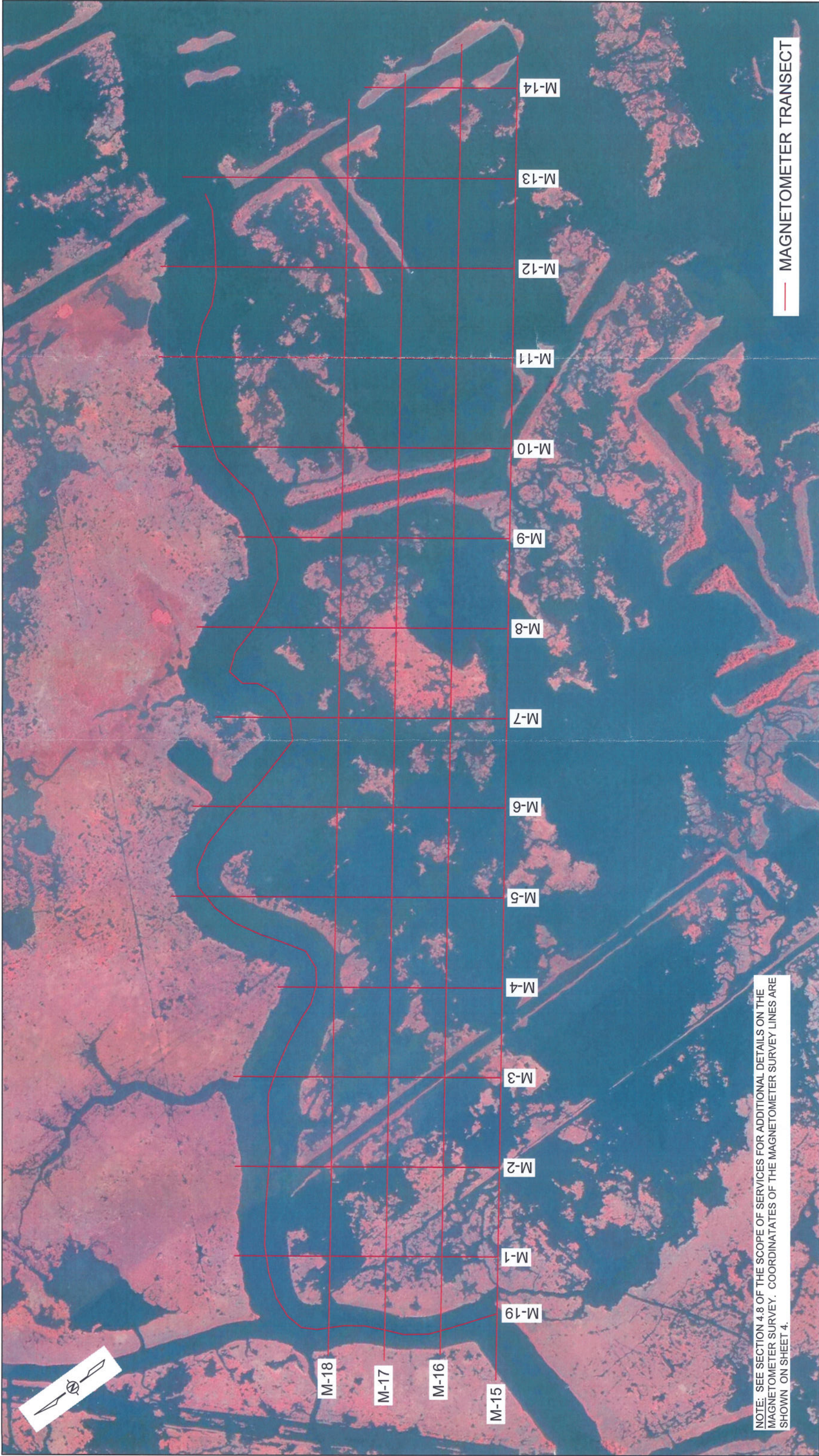
1. SEE SECTION 4.6 OF THE SCOPE OF SERVICES FOR ADDITIONAL DETAILS ON THE FILL SITE SURVEY. COORDINATES OF THE FILL SITE SURVEY POINTS ARE SHOWN ON SHEET 4.

2. SEE SECTION 4.7 OF THE SCOPE OF SERVICES FOR ADDITIONAL DETAILS ON THE AVERAGE MARSH ELEVATION AND AVERAGE RIDGE ELEVATION SURVEYS. COORDINATES OF THESE POINTS ARE SHOWN ON SHEET 4.

\*ALL COORDINATES LISTED ARE IN LA STATE PLANE, SOUTH ZONE, NAD 83 (FT.), AND WERE DIGITIZED OFF OF A 2005 POST HURRICANE DIGITAL ORTHOPHO TO QUARTER QUADRANGLE (DOQQ).

				LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802		BAYOU DUPONT MARSH CREATION AND RIDGE RESTORATION		SURVEY LAYOUT	
						STATE PROJECT NUMBER: BA-48			
						FEDERAL PROJECT NUMBER: BA-48		DATE: JULY 2008	
REV.	DATE	DESCRIPTION	BY	DRAWN BY: W. THOMPSON, E.I.		DESIGNED BY: W. THOMPSON, E.I.		APPROVED BY: RUSS JOFFRION, P.E.	
								SHEET 2 OF 4	





NOTE: SEE SECTION 4.8 OF THE SCOPE OF SERVICES FOR ADDITIONAL DETAILS ON THE MAGNETOMETER SURVEY. COORDINATES OF THE MAGNETOMETER SURVEY LINES ARE SHOWN ON SHEET 4.



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## APPENDIX B





**VICINITY MAP** Scale: 1" = 2000'

Reproduced from USC&GS "Lafitte, LA" Quadrangle

## Station Name: "BA03C-SM-02"

**Location:** From La Highway 23 at St. Rosalie, Louisiana, which is located just south of oil storage tanks at Alliance, Louisiana proceed west on West Ravenna Road for approximately 2 miles to the monument on the right.

**Monument Description:** NGS style floating sleeve monument; datum point set on 9/16" stainless steel sectional rods driven 48 feet to refusal, set in sand filled 6" PVC pipe with access cover set in concrete, flush with ground.

**Stamping:** BA03C-SM-02

**Installation Date:** 12/4/02 **Date of Survey:** January 2003

**Monument Established By:** John Chance Land Surveys, Inc.

**For:** Louisiana Department of Natural Resources, CRD

### Adjusted NAD 83 Geodetic Position

Lat. 29° 39' 28.688493" N

Long. 90° 00' 33.422775" W

### Adjusted NAD 83 Datum LSZ (1702) Feet

N= 423,541.03

E= 3,701,364.99

### Adjusted NAVD88 Height

Elevation = -0.67 feet (-0.203 mtrs)

Geoid99 Height = -25.259 mtrs.

Ellipsoid Height = -25.462 mtrs.

Adjusted CORS Height = -0.71 ft (-0.216 mtrs)







**VICINITY MAP** Scale: 1" = 2000'

Reproduced from USC&GS "Three Bayou Bay, LA" Quadrangle

**Station Name: "BA23-SM-02"**

**Location:** Located approximately 3.3 miles south of the Lafitte Harbor Marina in Lafitte, Louisiana, behind rocks along west top bank of the Barataria Waterway at Dupre Cut.

**Monument Description:** NGS style floating sleeve monument; datum point set on 9/16" stainless steel sectional rods driven to refusal, set in sand filled 6" PVC pipe with access cover set in concrete, flush with ground.

**Stamping:** BA23-SM-02

**Installation Date:** 12/12/02 **Date of Survey:** November 2006

**Monument Established By:** Pyburn & Odom

**For:** Louisiana Department of Natural Resources, CRD

**Adjusted NAD 83 Geodetic Position**

Lat. 29° 36' 14.88339" N

Long. 90° 04' 31.51369" W

**Adjusted NAD 83 Datum LSZ (1702) Feet**

N= 403,728.62

E= 3,680,575.17

**Adjusted NAVD88 Height**

Elevation = 4.71 feet (1.435 mtrs)

Geoid99 Height = -25.139 mtrs.

Ellipsoid Height = -23.704 mtrs.

*OPUS Solution for Comparison Only*

**NAVD88 Height (2004.65)**

Elevation = 4.13 feet (1.260 mtrs)

Geoid03 Height = -24.964 mtrs.



*Adjusted Position determined by John Chance Land Surveys, Inc. for the Louisiana Department of Natural Resources, CRD*





## VICINITY MAP

Scale: N.T.S.

Reproduced from LDNR "SONRIS" Interactive Map

## Station Name: "BA27-SM-03"

**Monument Location:** Located in Jefferson Parish, Louisiana, approximately 1 mile southwesterly from Lafitte, Louisiana and is on the east bank of Bayou Rigolettes. Permission is required for Right of entry from Webb-Milling, POC: Skip Haller at (228) 863-1612.

**Monument Description:** NGS Style floating sleeve monument; 9/16" stainless steel rods driven 56 feet to refusal, set in a sand filled 6" PVC pipe with access cover set flush with the ground.

**Stamping:** BA27-SM-03

**Installation Date:** February 17, 2004 **Date of Survey:** November 2006

**Monument Established By:** John Chance Land Surveys, Inc.

**For:** Louisiana Department of Natural Resources, CRD

### Adjusted NAD 83 Geodetic Position

Lat. 29° 39' 00.75735"N

Long. 90° 06' 54.08256"W

### Adjusted NAD 83 Datum LSZ (1702) Feet

N= 420,347.20

E= 3,667,812.57

### Adjusted NAVD88 Height (Geoid99)

Elevation = 1.09 feet (0.332 mtrs)

Geoid99 Height = -25.288 mtrs.

Ellipsoid Height = -24.956 mtrs.

### *OPUS Solution for Comparison Only*

NAVD88 Height (2004.65)

Elevation = 0.60 feet (0.184 mtrs)

Geoid03 Height = -25.140 mtrs.



*Adjusted Position determined by John Chance Land Surveys, Inc. for the Louisiana Department of Natural Resources, CRD*





**VICINITY MAP** Not to Scale

Image Reproduced from Google Earth Pro ©2006 Google™

**Station Name: "BA41-SM-01"**

**Monument Location:** Located in Jefferson Parish, Louisiana, approximately 1.3 miles southeasterly from the boat launch on Bayou Barataria at the end of Jean Lafitte Blvd. south of Lafitte, Louisiana and is on the east bank of Bayou Barataria immediately north of the cut into the Pen. The Monument is located 16.8 feet northeast of a Texaco Pipeline Sign and 26.5 feet northeast of a creosote post with PK nail in the center.

**Monument Description:** NGS Style floating sleeve monument; 9/16" stainless steel rods driven 60 feet to refusal, set in a sand filled 6" PVC pipe with access cover set flush with the ground.

**Stamping:** CRMSTE-SM-10

**Date of Survey:** November 2006

**Monument Established By:**  
John Chance Land Surveys, Inc.

**Adjusted NAD 83 Geodetic Position**

Lat. 29° 38' 36.00257"N  
Long. 90° 05' 44.42158"W

**Adjusted NAD 83 Datum LSZ (1702) Ft**

N= 417,912.65  
E= 3,673,985.68

**Adjusted NAVD88 Height (Geoid99)**

Elevation = 4.78 feet (1.458 mtrs)

Geoid99 Height = -25.258mtrs.  
Ellipsoid Height = -23.800mtrs.

*OPUS Solution for Comparison Only*

**NAVD88 Height (2004.65)**

Elevation = 4.27 feet (1.301 mtrs)  
Geoid03 Height = -25.101 mtrs.





## **Appendix B**

### ***Data Tables***

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> CONTROL.CSV		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1	423541.03	3701364.99	-0.67	BA03C-SM-02
2	403728.62	3680575.17	4.71	BA23-SM-02
3	420347.2	3667812.57	1.09	BA27-SM-03
4	417912.65	3673985.68	4.78	BA41-SM-01
10	417912.86	3673985.51	4.8	CHK BA41-SM-01
11	410795.36	3694472.25	4.28	CHK DNR REF NAIL
12	410791.56	3694470.63	3.54	CHK DNR 3.33 MARK
13	417912.51	3673985.61	4.99	CHK BA41-SM-01
14	410667.24	3694470.1	2.8	TBM MATT
15	410667.22	3694470.11	2.8	CHK TBM MATT
16	414950.01	3688277.93	5.42	CHK TOP 4X4 POST
17	414950.67	3688278.13	4.06	CHK REF NAIL
18	414950.66	3688278.14	4.06	CHK REF NAIL
19	414950.01	3688277.93	5.42	TOP 4X4 POST
20	414950.02	3688277.87	5.39	CHK TOP 4X4 POST
1000	414950.33	3688277.59	5.48	CHK
1106	413061.45	3688346.14	-2.55	SO 102
1107	413545.77	3687707.13	-2.1	SO 100
1275	413303.21	3688028.5	-0.45	SO 101
1277	414950.82	3688278.26	5.39	CHK
1403	412820.05	3688664.9	2	SO 103
2689	414950.4	3688278.35	4.69	CHK
2861	412338.68	3689304.42	-0.17	SO 105
3065	409439.72	3693130.4	2.85	SO 117
3677	410791.74	3694470.21	3.53	CHK 3.33
5340	410667.26	3694470.08	2.85	CHK
5588	407027.21	3696319.68	-1.26	SO 127
5589	407268.11	3696004.74	-0.34	SO 126
5590	407509.17	3695682.03	-0.7	SO 125
5591	407748.13	3695362.55	-1.43	SO 124
5592	407992.46	3695037.12	-0.06	SO 123
5593	408233.06	3694724.1	-0.79	SO 122



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-1.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1002	415370.114	3689046.167	1.856	MR
1004	415325.49	3689020.494	-0.452	SND
1005	414960.862	3688743.367	0.062	SND
1006	414953.77	3688738.801	1.733	SND
1007	414950.29	3688737.932	1.872	MR
1015	414796.993	3688621.75	-0.857	SND
1016	414771.7	3688610.708	-1.159	SND
1017	414758.19	3688601.943	-1.514	SND
1018	414749.919	3688595.297	-1.082	SND
1019	414741.292	3688587.283	-0.356	SND
1020	414725.945	3688572.869	0.062	SND
1021	414716.165	3688563.241	0.02	SND
1022	414703.451	3688549.263	0.029	SND
1023	414702.521	3688547.538	1.707	MR
1024	414680.773	3688541.365	1.605	MR
1025	414658.007	3688532.558	2.047	MR
1026	414624.708	3688519.463	1.685	MR
1027	414601.933	3688509.86	1.583	MR
1029	414569.539	3688466.892	1.691	MR
1030	414552.265	3688439.683	1.714	MR
1031	414532.876	3688413.6	1.677	MR
1032	414508.192	3688393.036	1.602	MR
1033	414467.541	3688392.482	1.937	MR
1034	414445.773	3688373.668	1.703	MR
1035	414422.018	3688354.69	1.345	MR
1036	414402.42	3688336.568	1.359	MR
1037	414365.199	3688312.13	1.549	MR
1038	414354.502	3688306.162	0.22	SND
1039	414360.906	3688309.337	1.555	MR
1040	414352.659	3688305.519	1.586	MR
1041	414343.514	3688299.174	1.654	MR
1042	414333.873	3688289.627	1.435	MR
1044	414319.538	3688278.814	1.204	SND
1045	414320.898	3688279.466	1.204	MR
1048	414257.583	3688235.351	1.157	MR
1049	414233.492	3688217.927	1.51	MR
1050	414210.883	3688202.146	0.646	MR
1051	414191.023	3688189.753	1.527	MR
1052	414169.952	3688176.893	1.569	MR
1053	414149.234	3688164.664	1.443	MR
1054	414134.434	3688150.243	1.613	MR
1055	414131.935	3688147.724	1.257	MR
1056	414124.776	3688142.466	-0.282	SND
1057	414115.985	3688133.924	-0.038	SND
1058	414115.465	3688132.57	1.675	MR
1061	414058.083	3688075.995	1.321	MR
1066	413957.582	3688017.337	1.356	MR

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-1.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1067	413926.971	3687996.858	1.785	MR
1068	413899.255	3687979.402	1.573	MR
1069	413881.585	3687958.623	1.6	MR
1070	413862.248	3687939.686	1.721	MR
1071	413836.547	3687916.639	1.669	MR
1073	413790.411	3687896.079	1.687	MR
1074	413781.197	3687889.815	1.392	MR
1075	413743.571	3687857.714	1.732	MR
1076	413729.148	3687845.035	1.679	MR
1077	413708.449	3687830.294	1.661	MR
1078	413705.851	3687828.006	1.318	SND
1079	413702.846	3687826.106	-0.048	SND
1080	413696.146	3687817.62	-0.288	SND
1081	413676.792	3687803.754	-0.954	SND
1082	413660.06	3687792.707	-1.339	SND
1083	413568.019	3687699.99	0.603	SND
1084	413566.518	3687715.629	-0.594	SND
1086	413579.022	3687770.034	-2.758	SND
1087	413591.862	3687791.804	-2.352	SND
1088	413613.351	3687817.148	-0.71	SND
1089	413563.385	3687700.655	1.706	MR
1090	413554.894	3687695.251	1.591	MR
5500	415409.432	3689069.026	1.236	MR
5501	415393.824	3689066.447	1.915	MR
5502	415378.934	3689063.874	1.637	MR
5503	415361.328	3689059.703	1.779	MR
5504	415345.273	3689058.432	2.084	MR
5505	415333.125	3689045.629	1.655	MR
5506	415326.879	3689041.643	1.96	MR
5507	415324.772	3689040.462	0.599	SND
5511	414931.72	3688747.291	1.57	MR
5512	414923.655	3688738.425	1.752	MR
5513	414914.699	3688726.73	1.68	MR
5514	414904.111	3688717.631	1.719	MR
5515	414903.647	3688717.531	0.711	SND
5516	414891.023	3688708.239	0.755	SND
5517	414890.756	3688707.038	1.577	MR
5518	414874.712	3688696.9	1.636	MR
5519	414865.1	3688685.628	1.628	MR
5520	414855.582	3688675.831	1.643	MR
5521	414844.498	3688665.362	1.762	MR
5522	414841.035	3688657.172	1.593	MR
5523	414829.176	3688650.709	1.671	MR
5524	414821.521	3688647.038	1.595	MR
5525	414819.014	3688646.088	0.207	SND
5526	414812.271	3688641.262	-0.487	SND
5527	414799.964	3688629.877	-0.835	SND



TOPOGRAPHIC SURVEY TRANSECTS

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<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5528	414788.844	3688617.962	-0.965	SND
5529	414775.519	3688605.128	-1.074	SND
5530	414763.506	3688594.533	-1.359	SND
5531	414749.417	3688584.44	-0.628	SND
5532	414737.644	3688577.227	-0.318	SND
5533	414722.463	3688568.307	-0.126	SND
5534	414703.432	3688555.249	0.164	SND
5535	414701.43	3688554.346	1.402	MR
5536	414673.128	3688534.108	1.789	MR
5537	414663.339	3688527.576	1.621	MR
5538	414650.343	3688516.994	1.704	MR
5539	414639.39	3688507.819	1.777	MR
5540	414629.056	3688498.388	1.586	MR
5541	414618.583	3688487.925	1.325	MR
5542	414604.681	3688476.632	1.537	MR
5543	414593.667	3688467.158	1.695	MR
5547	414526.459	3688415.736	1.363	MR
5548	414511.32	3688402.318	1.469	MR
5549	414498.963	3688396.367	1.413	MR
5550	414486.181	3688388.887	1.346	MR
5553	414437.445	3688347.213	1.384	MR
5554	414417.945	3688340.604	0.913	MR
5555	414398.107	3688331.655	1.357	MR
5556	414380.83	3688321.284	1.43	MR
5881	414314.06	3688262.02	0.76	SND
5882	414312.79	3688261.45	1.46	MR
5883	414296.05	3688250.94	1.56	MR
5884	414281.53	3688237.4	1.73	MR
5885	414268.24	3688229.43	1.75	MR
5886	414252.21	3688218.65	1.12	MR
5887	414238.54	3688212.57	1.45	MR
5888	414217.6	3688202.82	1.89	MR
5890	414111.37	3688113.19	1.27	MR
5891	414096.16	3688104.35	1.53	MR
5892	414081.1	3688098.55	1.36	MR
5893	414065.6	3688088.92	1.25	MR
5895	414039.7	3688064.66	1.5	MR
5896	414025.42	3688053.12	1.41	MR
5897	414006.99	3688046.76	1.54	MR
5898	413988.39	3688036.72	1.2	MR
5899	413971.7	3688025.07	1.23	MR
5901	413944.56	3688001.79	1.53	MR
5903	413919.59	3687994.99	1.54	MR
5904	413919.03	3687992.73	0.1	SND
5905	413907.38	3687974.5	1.14	SND
5906	413905.45	3687973.77	1.42	MR
5907	413890.49	3687965.63	1.41	MR

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-1.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5908	413873.63	3687955.07	1.56	MR
5910	413843.52	3687931.95	1.81	MR
5912	413817.26	3687913.32	1.8	MR
5913	413804.18	3687902.16	1.99	MR
5915	413772.06	3687873.18	1.74	MR
5916	413754	3687863.28	1.81	MR
6007	414550.27	3688432	1.55	MR
6008	414543.37	3688446.22	1.51	MR
14695	415320.4	3689009.2	-0.5	SND
14696	415315	3689007.8	-0.4	SND
14697	415310.6	3689005.4	-0.7	SND
14698	415306	3689003.1	-0.7	SND
14699	415301.5	3689001.1	-0.8	SND
14700	415297.4	3688998.2	-0.8	SND
14701	415294.5	3688994.1	-0.8	SND
14702	415292.2	3688989.5	-0.8	SND
14703	415289.6	3688985.1	-0.9	SND
14704	415286.7	3688981.1	-0.9	SND
14705	415283.6	3688977.1	-1.1	SND
14706	415280	3688973.2	-1.1	SND
14707	415276.1	3688969.7	-1	SND
14708	415271.6	3688966.5	-1.2	SND
14709	415266.6	3688963.7	-1.2	SND
14710	415261.8	3688961.7	-1.3	SND
14711	415256.9	3688960.2	-1.4	SND
14712	415251.7	3688959	-1.6	SND
14713	415246.7	3688958.2	-1.8	SND
14714	415241.6	3688957.6	-1.9	SND
14715	415236.4	3688956.9	-2.5	SND
14716	415231.4	3688955.9	-3.1	SND
14717	415226.3	3688954.5	-4	SND
14718	415221.4	3688952.7	-5.1	SND
14719	415216.7	3688950.3	-5.5	SND
14720	415212.1	3688947.7	-5.7	SND
14721	415207.6	3688944.7	-6.4	SND
14722	415203.3	3688941.7	-6.6	SND
14723	415199.1	3688938.3	-6.8	SND
14724	415195.3	3688935	-7.1	SND
14725	415191.5	3688931.7	-7.5	SND
14726	415187.7	3688928.2	-8.2	SND
14727	415183.9	3688924.7	-8.3	SND
14728	415180	3688921.2	-8.5	SND
14729	415176.2	3688917.8	-8.8	SND
14730	415172.1	3688914.3	-9	SND
14731	415168	3688910.9	-9.2	SND
14732	415163.8	3688907.7	-9.2	SND
14733	415159.5	3688904.6	-9.3	SND



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<b>FILE NAME:</b> T-1.csv		<b>CONTRACTOR</b> PBS&J		
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<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14734	415155.1	3688901.6	-9.6	SND
14735	415150.5	3688898.8	-9.5	SND
14736	415145.7	3688896.3	-9.5	SND
14737	415140.9	3688893.9	-8.9	SND
14738	415136.2	3688891.4	-8.8	SND
14739	415131.9	3688888.8	-8.3	SND
14740	415127.6	3688885.9	-8.3	SND
14741	415123.3	3688882.9	-7.7	SND
14742	415119.1	3688880	-7.1	SND
14743	415114.8	3688877.3	-6.7	SND
14744	415110.3	3688874.5	-6.3	SND
14745	415105.9	3688871.5	-6.2	SND
14746	415101.6	3688868.5	-6.1	SND
14747	415097.5	3688865.2	-6	SND
14748	415093.4	3688861.7	-5.8	SND
14749	415089.5	3688858.1	-5.2	SND
14750	415085.9	3688854.5	-4.9	SND
14751	415082.5	3688850.6	-4.7	SND
14752	415079.3	3688846.6	-4.6	SND
14753	415076.1	3688842.6	-4.5	SND
14754	415072.7	3688838.7	-3.9	SND
14755	415069.2	3688834.9	-3.6	SND
14756	415065.4	3688831.3	-3	SND
14757	415061.4	3688827.9	-3	SND
14758	415057.3	3688824.6	-2.6	SND
14759	415053.3	3688821.3	-2.4	SND
14760	415049.4	3688817.9	-2.1	SND
14761	415045.5	3688814.7	-1.8	SND
14762	415041.4	3688811.2	-1.6	SND
14763	415037.1	3688808	-1.4	SND
14764	415033	3688805	-1.2	SND
14765	415028.6	3688802.1	-1.1	SND
14766	415024	3688799	-0.7	SND
14767	415019.6	3688796	-0.7	SND
14768	415015.4	3688793.3	-0.6	SND
14769	415011.1	3688790.5	-0.6	SND
14770	415006.7	3688787.7	-0.4	SND
14771	415001.8	3688784.6	-0.3	SND
14772	414997.5	3688781.7	-0.3	SND
14773	414993	3688778.6	-0.3	SND
14774	414988.9	3688775.7	-0.4	SND
14775	414984.6	3688772.5	-0.3	SND
14776	414980.6	3688769.3	-0.2	SND
14777	414973.4	3688763.4	0	SND
17851	413567.5	3687748.2	-1	SND

# TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-2.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1194	415258.917	3689479.893	1.481	MR
1195	415247.945	3689453.046	1.694	MR
1196	415228.223	3689425.067	1.524	MR
1197	415206.811	3689401.951	1.696	MR
1198	415175.507	3689396.733	1.6	MR
1199	415169.351	3689396.905	0.106	SND
1200	415162.969	3689391.738	-0.621	SND
1201	415163.014	3689391.749	-0.632	SND
1203	414808.048	3689134.834	-0.086	SND
1204	414807.019	3689132.648	1.562	MR
1205	414799.688	3689126.663	1.648	MR
1206	414797.895	3689126.077	0.47	SND
1207	414780.606	3689117.511	0.136	SND
1208	414765.688	3689110.468	0.394	SND
1209	414751.256	3689102.725	0.328	SND
1210	414737.961	3689092.497	0.212	SND
1211	414701.304	3689069.127	0.089	SND
1212	414693.198	3689062.718	1.626	MR
1213	414665.568	3689037.666	1.506	MR
1214	414648.487	3689011.588	1.788	MR
1215	414625.3	3688996.025	1.684	MR
1216	414622.757	3688995.72	0.484	SND
1217	414606.58	3688985.743	0.213	SND
1218	414604.96	3688984.851	1.462	MR
1219	414583.254	3688964.677	1.649	MR
1220	414581.058	3688964.105	-0.017	SND
1221	414281.336	3688747.053	0.489	SND
1222	414279.849	3688745.847	1.565	MR
1223	414251.594	3688717.048	1.748	MR
1226	414177.495	3688672.067	1.437	MR
1227	414149.193	3688649.319	1.717	MR
1228	414111.365	3688628.352	1.654	MR
1231	414069.719	3688590.925	0.167	SND
1232	414060.565	3688583.194	-0.077	SND
1233	414058.394	3688581.812	1.442	MR
1234	414005.834	3688553.681	1.767	MR
1235	413998.507	3688543.964	1.464	MR
1236	413996.028	3688543.029	-0.013	SND
1237	413980.114	3688527.555	-1.109	SND
1238	413955.913	3688511.527	0.238	SND
1239	413953.519	3688509.853	1.716	MR
1240	413929.679	3688479.278	1.83	MR
1245	413839.803	3688402.399	1.388	MR
1248	413774.451	3688363.34	-0.018	SND
1249	413753.484	3688353.1	-0.242	SND
1250	413733.088	3688341.823	0.099	SND
1251	413713.767	3688328.508	0.169	SND



# TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-2.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1252	413697.674	3688314.151	0.116	SND
1253	413683.983	3688299.275	-0.028	SND
1254	413662.257	3688283.053	0.159	SND
1255	413642.558	3688272.054	0.152	SND
1256	413620.869	3688260.917	0.103	SND
1257	413603.249	3688248.181	0.277	SND
1260	413534.433	3688192.216	1.404	MR
1261	413531.646	3688190.104	0.18	SND
1262	413512.85	3688179.26	0.182	SND
1263	413497.984	3688167.873	-2.222	SND
1264	413466.952	3688148.269	-1.001	SND
1265	413448.623	3688122.365	0.47	SND
1266	413447.408	3688121.131	1.062	MR
1267	413415.449	3688094.108	1.491	MR
1268	413385.481	3688072.946	1.719	MR
1269	413356.7	3688055.04	2.046	MR
1270	413336.733	3688042.708	1.746	MR
1271	413334.433	3688041.11	0.206	SND
1272	413311.225	3688025.902	0.118	SND
1273	413307.096	3688022.875	0.068	SND
5773	413444.881	3688149.246	0.653	SND
5774	413452.608	3688147.972	0.238	SND
5775	413466.537	3688149.305	-0.551	SND
5776	413480.439	3688152.807	-1.623	SND
5777	413494.097	3688160.429	-2.73	SND
5778	413503.148	3688170.973	-1.698	SND
5779	413509.919	3688183.713	-0.945	SND
5782	413535.627	3688204.468	1.878	MR
5783	413556.691	3688222.707	1.734	MR
5784	413566.923	3688228.509	1.646	MR
5785	413567.616	3688229.501	0.91	SND
5786	413570.503	3688229.909	0.641	SND
5787	413581.777	3688232.297	0.762	SND
5788	413587.582	3688236.893	0.678	SND
5789	413597.259	3688243.475	0.582	SND
5790	413606.599	3688248.86	0.575	SND
5791	413775.791	3688376.8	1.216	MR
5792	413783.487	3688387.306	1.809	MR
5793	413791.394	3688393.607	1.925	MR
5794	413797.761	3688398.291	1.883	MR
5795	413816.854	3688406.137	1.555	MR
5796	413840.57	3688410.428	1.649	MR
5797	413852.641	3688425.047	1.795	MR
5798	413861.029	3688433.28	1.736	MR
5799	413863.946	3688434.372	0.457	SND
5800	413866.795	3688436.556	0.506	SND
5801	413876.326	3688445.317	0.414	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-2.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5802	413881.768	3688451.68	0.379	SND
5803	413888.693	3688460.261	0.366	SND
5804	413895.944	3688468.335	0.571	SND
5805	413908.744	3688480.929	0.478	SND
5806	413910.866	3688482.133	1.96	MR
5807	414004.045	3688547.72	1.747	MR
5808	414017.325	3688557.707	1.917	MR
5809	414037.485	3688566.388	1.542	MR
5810	414047.191	3688576.032	1.843	MR
5811	414053.882	3688583.078	1.722	MR
5813	414064.391	3688590.819	0.447	SND
5814	414076.816	3688600.137	0.868	SND
5815	414078.268	3688601.285	1.802	MR
5816	414093.378	3688614.598	1.811	MR
5817	414094.616	3688616.262	0.559	SND
5818	414102.458	3688623.324	0.761	SND
5819	414103.269	3688624.609	1.885	MR
5820	414113.738	3688630.65	1.844	MR
5821	414115.312	3688631.69	0.491	SND
5822	414132.168	3688638.987	0.342	SND
5823	414133.394	3688639.575	1.666	MR
5853	414136.44	3688657.21	1.9	MR
5854	414158.53	3688659.37	1.18	MR
5855	414177.48	3688667.61	1.29	MR
5856	414198.54	3688683.15	1.37	MR
5857	414206.98	3688694.09	1.62	MR
5858	414208.68	3688695.39	0.98	SND
5859	414222.14	3688710.07	0.68	SND
5860	414224.13	3688712.32	1.53	MR
5861	414236.68	3688725.14	1.45	MR
5862	414254.59	3688736.84	1.6	MR
5865	414284.45	3688757.91	-0.06	SND
5866	414658.58	3689026.55	1.67	MR
5867	414671.41	3689039.59	1.75	MR
5868	414683.22	3689048.27	1.1	MR
5869	414697.36	3689061.89	1.15	MR
5870	414697.36	3689062.99	0.53	SND
5871	414709.25	3689073.58	0.44	SND
5872	414720.76	3689079.61	0.83	SND
5873	414725.67	3689079.58	0.62	SND
5874	414745.02	3689089.13	0.28	SND
5875	414760.28	3689097.4	0.17	SND
5876	414773.77	3689108.57	0.27	SND
14781	414801.8	3689168	-0.4	SND
14782	414803.2	3689172.7	-0.4	SND
14783	414805.3	3689177.2	-0.5	SND
14784	414808	3689181.3	-0.6	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-2.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14785	414811.4	3689184.9	-0.4	SND
14786	414815.5	3689187.7	-0.6	SND
14787	414820.5	3689189.5	-0.5	SND
14788	414825.4	3689189.5	-0.5	SND
14789	414830.7	3689188.3	-0.5	SND
14790	414835.5	3689186.4	-0.6	SND
14791	414840.3	3689184	-0.4	SND
14792	414844.7	3689181.5	-0.4	SND
14793	414849.2	3689178.4	-0.6	SND
14794	414853.5	3689175.4	-0.7	SND
14795	414857.9	3689173	-0.7	SND
14796	414862.7	3689171.8	-0.8	SND
14797	414867.7	3689172.5	-0.6	SND
14798	414872.5	3689174.6	-0.7	SND
14799	414877.3	3689176.4	-0.8	SND
14800	414881.8	3689178.8	-0.9	SND
14801	414886.1	3689181.3	-1	SND
14802	414890.3	3689184.7	-1	SND
14803	414893.9	3689188.2	-1.2	SND
14804	414897.3	3689191.8	-1.2	SND
14805	414900.9	3689195.4	-1.6	SND
14806	414904.8	3689198.8	-1.5	SND
14807	414908.9	3689202	-1.6	SND
14808	414913.1	3689205.2	-1.4	SND
14809	414917.2	3689208.3	-1.6	SND
14810	414921.7	3689211.8	-1.7	SND
14811	414925.6	3689215	-1.8	SND
14812	414929.4	3689218.2	-2.2	SND
14813	414933.4	3689221.4	-2.5	SND
14814	414937.5	3689224.6	-3	SND
14815	414941.5	3689227.6	-3.5	SND
14816	414945.5	3689230.8	-4	SND
14817	414949.3	3689234	-4.5	SND
14818	414953.1	3689237.2	-4.5	SND
14819	414956.8	3689240.6	-4.9	SND
14820	414960.6	3689243.9	-5.4	SND
14821	414964.6	3689247.3	-5.8	SND
14822	414968.5	3689250.4	-5.8	SND
14823	414972.5	3689253.9	-6.1	SND
14824	414976.2	3689257.3	-6.5	SND
14825	414979.9	3689260.9	-7	SND
14826	414983.5	3689264.4	-7.5	SND
14827	414987.2	3689267.9	-7.9	SND
14828	414990.9	3689271.3	-8.1	SND
14829	414994.8	3689274.8	-8.1	SND
14830	414998.9	3689278.3	-8.1	SND
14831	415002.9	3689281.6	-8	SND

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<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14832	415006.8	3689284.7	-7.7	SND
14833	415011	3689288	-7.6	SND
14834	415015.2	3689291.2	-7.3	SND
14835	415019.4	3689294.4	-7.1	SND
14836	415023.7	3689297.4	-7.1	SND
14837	415028.3	3689300.3	-6.7	SND
14838	415032.9	3689302.9	-6.5	SND
14839	415037.4	3689305.2	-6.6	SND
14840	415042.3	3689307.4	-6.3	SND
14841	415047.2	3689309.7	-6	SND
14842	415052.1	3689312	-5.3	SND
14843	415057	3689314.5	-4.5	SND
14844	415061.6	3689317.1	-3.4	SND
14845	415066.1	3689319.9	-3	SND
14846	415070.3	3689322.9	-2.9	SND
14847	415074.4	3689326.3	-3.7	SND
14848	415078.1	3689330	-3	SND
14849	415081.5	3689334.1	-2.3	SND
14850	415084.4	3689338.3	-1.9	SND
14851	415087.2	3689342.6	-1.7	SND
14852	415090	3689346.9	-1.6	SND
14853	415092.7	3689351.3	-1.5	SND
14854	415095.4	3689355.7	-1.5	SND
14855	415098.2	3689360.1	-1.3	SND
14856	415100.9	3689364.3	-1.3	SND
14857	415103.8	3689368.5	-1.2	SND
14858	415106.8	3689372.6	-1.1	SND
14859	415109.9	3689376.7	-1	SND
14860	415113.2	3689380.4	-1.1	SND
14861	415116.7	3689384	-1.1	SND
14862	415120.3	3689387.5	-0.9	SND
14863	415123.9	3689391.1	-1.2	SND
14864	415127.2	3689394.8	-1.4	SND
14865	415130.3	3689398.7	-1.5	SND
14866	415133.4	3689402.8	-1.3	SND
14867	415136.3	3689406.8	-1.3	SND
14868	415139.2	3689410.9	-1	SND
14869	415142	3689415.1	-0.7	SND
15065	414295.6	3688758.4	-0.3	SND
15066	414300.4	3688757	-0.3	SND
15067	414305.9	3688756.6	-0.3	SND
15068	414311.4	3688757.7	-0.2	SND
15069	414316.2	3688760.5	-0.2	SND
15070	414319.7	3688764.4	-0.2	SND
15071	414322.9	3688768.8	-0.2	SND
15072	414325.9	3688773.4	-0.3	SND
15073	414328.4	3688777.7	-0.3	SND



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<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15074	414331	3688782.1	-0.4	SND
15075	414332.9	3688786.7	-0.3	SND
15076	414335.5	3688791.7	-0.2	SND
15077	414338.1	3688796.1	-0.2	SND
15078	414340.8	3688800.3	-0.3	SND
15079	414346.2	3688806.3	-0.2	SND
15080	414350.1	3688809.4	-0.3	SND
15081	414354.5	3688812	-0.3	SND
15082	414359	3688814.5	-0.3	SND
15083	414363.6	3688817.1	-0.3	SND
15084	414368.2	3688820.1	-0.1	SND
15085	414372.5	3688823.7	-0.1	SND
15086	414376.1	3688827.2	-0.3	SND
15087	414379.7	3688830.8	-0.2	SND
15088	414383.4	3688834.3	-0.3	SND
15089	414386.9	3688838.1	-0.1	SND
15090	414390.3	3688842.3	-0.3	SND
15091	414393.7	3688846	-0.2	SND
15092	414397.8	3688849.6	-0.4	SND
15093	414403.2	3688853.6	-0.2	SND
15094	414408.1	3688857	-0.3	SND
15095	414412.1	3688860	-0.3	SND
15096	414416.1	3688863.2	-0.4	SND
15097	414420.1	3688866.3	-0.5	SND
15098	414424.1	3688869.3	-0.5	SND
15099	414428.3	3688872.1	-0.6	SND
15100	414432.7	3688874.7	-0.7	SND
15101	414437.1	3688877.3	-0.6	SND
15102	414441.6	3688879.8	-0.8	SND
15103	414446.3	3688882.4	-0.8	SND
15104	414450.9	3688885	-0.7	SND
15105	414455.3	3688887.7	-0.7	SND
15106	414459.7	3688890.5	-0.6	SND
15107	414464	3688893.2	-0.6	SND
15108	414468.4	3688895.9	-0.6	SND
15109	414472.8	3688898.3	-0.5	SND
15110	414477.3	3688900.7	-0.4	SND
15111	414481.7	3688903.1	-0.5	SND
15112	414486.2	3688905.6	-0.6	SND
15113	414490.5	3688908.4	-0.4	SND
15114	414494.6	3688911.3	-0.5	SND
15115	414498.8	3688914.2	-0.4	SND
15116	414503.1	3688916.9	-0.2	SND
15117	414507.4	3688919.5	-0.3	SND
15118	414511.7	3688922.3	-0.5	SND
15119	414515.9	3688925.3	-0.3	SND
15120	414520.1	3688928.4	-0.4	SND

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<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15121	414524.5	3688931.5	-0.4	SND
15122	414528.8	3688934.3	-0.4	SND
15123	414533.5	3688936.8	-0.3	SND
15124	414538.3	3688939.3	-0.4	SND
15125	414543.8	3688942.2	-0.2	SND
15126	414548.4	3688944.9	-0.3	SND
15127	414553.1	3688948.1	-0.2	SND
15128	414557.8	3688951.2	-0.2	SND
15129	414562.1	3688953.8	-0.3	SND
15130	414566.6	3688957.1	-0.2	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-3.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1108	413057.564	3688352.849	0.683	SND
1109	413069.056	3688352.048	1.308	MR
1110	413068.465	3688352.326	0.409	SND
1111	413085.458	3688348.846	1.553	MR
1112	413087.565	3688348.534	0.51	SND
1123	413251.491	3688493.773	-0.021	SND
1124	413254.785	3688494.658	0.729	MR
1125	413267.94	3688502.735	1.439	MR
1126	413269.031	3688503.725	0.505	SND
1127	413289.219	3688518.094	0.016	SND
1128	413297.529	3688525.876	-0.369	SND
1129	413308.936	3688540.95	0.172	SND
1130	413326.796	3688557.588	0.22	SND
1131	413341.252	3688565.834	-0.008	SND
1132	413356.228	3688571.335	-0.202	SND
1133	413369.996	3688578.144	-0.43	SND
1134	413383.415	3688587.149	0.16	SND
1135	413395.659	3688596.229	0.133	SND
1136	413403.825	3688602.675	0.176	SND
1137	413409.921	3688607.405	0.211	SND
1138	413416.113	3688612.639	0.208	SND
1139	413422.605	3688618.429	0.115	SND
1140	413435.29	3688631.24	-0.086	SND
1141	413445.022	3688648.769	-0.483	SND
1148	413568.547	3688721.287	-0.019	SND
1150	413617.082	3688763.818	1.615	MR
1154	413710.056	3688819.688	0.445	SND
1164	413915.307	3688948.231	1.467	MR
1165	413917.375	3688950.306	-0.196	SND
1166	413927.733	3688963.275	0.05	SND
1167	413936.09	3688971.548	0.061	SND
1168	413946.711	3688982.912	0.079	SND
1169	413956.891	3688993.415	0.043	SND
1170	413967.598	3689007.853	-0.24	SND
1171	413970.355	3689008.521	1.708	MR
1175	414030.882	3689046.803	0.182	SND
1176	414049.413	3689060.678	0.102	SND
1181	414117.093	3689116.893	0.277	SND
1182	414138.126	3689135.886	0.04	SND
1183	414154.059	3689152.979	-0.499	SND
1186	415014.315	3689792.627	1.393	MR
1187	415002.272	3689776.866	1.705	MR
1188	414993.212	3689774.238	1.609	MR
1189	414978.285	3689755.808	1.606	MR
1191	414960.278	3689755.075	1.702	MR
1192	414949.101	3689740.785	1.596	MR
1193	414946.389	3689737.107	0.033	SND

TOPOGRAPHIC SURVEY TRANSECTS

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<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5700	413093.298	3688358.508	0.74	SND
5701	413097.558	3688365.992	0.921	SND
5702	413105.455	3688376.776	0.824	SND
5703	413116.479	3688390.614	0.333	SND
5704	413118.277	3688392.639	1.753	MR
5705	413129.514	3688400.201	1.961	MR
5706	413148.433	3688410.609	1.701	MR
5707	413161.952	3688418.226	1.58	MR
5708	413162.924	3688419.069	0.481	SND
5709	413171.265	3688424.594	-0.514	SND
5710	413194.061	3688443.377	0.972	SND
5711	413199.415	3688453.773	1.086	SND
5712	413219.095	3688470.842	1.933	MR
5713	413221.042	3688472.2	1.605	MR
5714	413221.293	3688472.669	0.901	SND
5715	413243.941	3688483.637	0.381	SND
5717	413264.542	3688494.92	1.833	MR
5718	413446.368	3688626.419	-0.131	SND
5719	413448.96	3688630.832	-0.363	SND
5720	413455.322	3688640.547	-0.392	SND
5721	413467.056	3688653.71	-0.779	SND
5722	413484.395	3688664.654	-0.139	SND
5723	413496.189	3688671.941	0.645	SND
5724	413510.152	3688682.188	0.65	SND
5725	413510.84	3688683.058	1.739	MR
5726	413524.613	3688692.151	2.055	MR
5727	413541.017	3688702.429	1.857	MR
5728	413556.967	3688712.763	1.626	MR
5729	413558.132	3688713.722	1.086	SND
5730	413575.6	3688724.57	0.443	SND
5731	413577.458	3688726.442	1.796	MR
5732	413593.023	3688741.86	1.787	MR
5733	413607.893	3688755.11	2.247	MR
5734	413621.778	3688768.436	1.488	MR
5735	413637.681	3688781.017	1.874	MR
5736	413656.069	3688792.655	1.844	MR
5737	413672.988	3688801.4	1.879	MR
5738	413677.756	3688808.053	1.773	MR
5739	413678.59	3688809.085	0.874	SND
5740	413683.272	3688814.033	0.384	SND
5741	413696.257	3688831.183	0.149	SND
5742	413705.649	3688840.19	0.199	SND
5743	413719.247	3688847.805	0.283	SND
5744	413732.446	3688854.263	0.5	SND
5745	413743.711	3688860.988	0.535	SND
5746	413753.526	3688866.45	0.133	SND
5747	413763.81	3688870.862	0.089	SND



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<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5748	413774.226	3688875.699	0.29	SND
5749	413784.644	3688880.636	0.294	SND
5750	413802.782	3688892.259	0.301	SND
5751	413811.12	3688899.787	0.274	SND
5752	413818.047	3688908.074	0.243	SND
5753	413826.736	3688916.178	0.274	SND
5754	413838.015	3688923.068	0.618	SND
5755	413856.026	3688932.389	0.322	SND
5756	413859.414	3688934.105	1.916	MR
5757	413870.099	3688943.264	1.5	MR
5758	413880.921	3688953.671	1.828	MR
5762	413971.715	3689027.118	1.677	MR
5763	413984.646	3689032.804	2.215	MR
5764	413999.922	3689039.8	1.968	MR
5765	414008.43	3689046.243	1.865	MR
5766	414055.775	3689075.672	0.409	SND
5767	414063.156	3689084.085	0.51	SND
5768	414071.963	3689098.885	0.408	SND
5769	414073.7	3689100.149	1.794	MR
5770	414083.625	3689112.432	1.716	MR
5771	414087.809	3689114.558	1.377	MR
5772	414088.585	3689116.058	0.726	SND
14870	414932.9	3689718.5	-0.6	SND
14871	414930.7	3689723.1	-0.5	SND
14872	414926.6	3689726.3	-0.4	SND
14873	414921.8	3689727.9	-0.5	SND
14874	414916.6	3689728.6	-0.3	SND
14875	414911.6	3689728.1	-0.5	SND
14876	414907	3689725.9	-0.7	SND
14877	414903.8	3689721.9	-0.8	SND
14878	414901.3	3689717.5	-1	SND
14879	414899	3689713.1	-1.1	SND
14880	414896.2	3689708.5	-1.1	SND
14881	414893.3	3689704.3	-1.1	SND
14882	414890.6	3689699.9	-1.1	SND
14883	414888	3689695.5	-1.2	SND
14884	414885.7	3689691.1	-1.1	SND
14885	414883.3	3689686.7	-1	SND
14886	414880.9	3689682.2	-1	SND
14887	414878.2	3689677.9	-1.2	SND
14888	414875.3	3689673.6	-1.2	SND
14889	414872.3	3689669.4	-1.2	SND
14890	414869.3	3689665.1	-1.2	SND
14891	414866.2	3689660.9	-1.4	SND
14892	414863	3689656.5	-1.6	SND
14893	414859.7	3689651.9	-1.7	SND
14894	414856.5	3689647.5	-2	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-3.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14895	414853.3	3689643.5	-2	SND
14896	414850	3689639.5	-2.3	SND
14897	414846.6	3689635.6	-2.6	SND
14898	414843.2	3689631.6	-3	SND
14899	414839.7	3689627.8	-3.4	SND
14900	414835.8	3689624.2	-3.9	SND
14901	414831.8	3689620.8	-4.2	SND
14902	414827.5	3689617.6	-4.8	SND
14903	414823	3689614.8	-5.2	SND
14904	414818.2	3689612.5	-5.6	SND
14905	414813.6	3689610.6	-6	SND
14906	414808.9	3689608.9	-6.6	SND
14907	414803.8	3689607.3	-6.9	SND
14908	414798.9	3689606	-7.4	SND
14909	414793.9	3689605.1	-7.7	SND
14910	414788.8	3689604.4	-8.1	SND
14911	414783.7	3689604	-8.3	SND
14912	414778.6	3689603.4	-8.3	SND
14913	414773.4	3689602	-8.1	SND
14914	414768.5	3689600	-7.8	SND
14915	414764.2	3689597.5	-7.7	SND
14916	414760	3689594.5	-7.5	SND
14917	414756.2	3689591.1	-7.2	SND
14918	414752.4	3689587.5	-6.9	SND
14919	414748.7	3689584	-6.8	SND
14920	414744.9	3689580.5	-6.5	SND
14921	414741	3689576.8	-6.4	SND
14922	414737	3689573.2	-6.3	SND
14923	414732.9	3689569.7	-5.8	SND
14924	414729	3689566.5	-5.6	SND
14925	414724.9	3689563.6	-5.1	SND
14926	414720.7	3689560.8	-5.1	SND
14927	414716.4	3689558.2	-5.2	SND
14928	414712.1	3689555.6	-4.4	SND
14929	414707.7	3689553	-3.6	SND
14930	414703.3	3689550.5	-2.7	SND
14931	414698.9	3689548	-2.8	SND
14932	414694.3	3689545.5	-2.3	SND
14933	414689.8	3689543.3	-2.5	SND
14934	414685.1	3689541	-2.4	SND
14935	414680.3	3689538.7	-2.4	SND
14936	414675.6	3689536.3	-2.3	SND
14937	414671	3689533.7	-1.9	SND
14938	414666.5	3689531.1	-1.7	SND
14939	414662.1	3689528.5	-1.6	SND
14940	414657.8	3689525.7	-1.6	SND
14941	414653.4	3689522.9	-1.6	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-3.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14942	414649.1	3689520.2	-1.6	SND
14943	414644.5	3689517.5	-1.4	SND
14944	414640.2	3689514.8	-1.3	SND
14945	414635.9	3689512.1	-1.3	SND
14946	414630.3	3689508.3	-1.1	SND
14947	414626	3689505.2	-0.9	SND
14948	414622	3689502.2	-0.9	SND
14949	414618	3689499.1	-1	SND
14950	414613.9	3689495.9	-0.9	SND
14951	414609.8	3689492.6	-0.9	SND
14952	414605.8	3689489.3	-0.9	SND
14953	414601.8	3689485.8	-0.9	SND
14954	414598	3689482.4	-0.9	SND
14955	414594.3	3689478.9	-0.9	SND
14956	414590.4	3689475.4	-0.8	SND
14957	414586.4	3689472	-0.8	SND
14958	414582.5	3689468.5	-0.7	SND
14959	414578.6	3689465	-0.8	SND
14960	414574.8	3689461.5	-0.6	SND
14961	414570.9	3689458.1	-0.7	SND
14962	414567	3689454.8	-0.6	SND
14963	414563.1	3689451.6	-0.6	SND
14964	414559.1	3689448.5	-0.6	SND
14965	414555.1	3689445.5	-0.5	SND
14966	414550.8	3689442.3	-0.5	SND
14967	414546.5	3689439.2	-0.5	SND
14968	414542.2	3689436.1	-0.5	SND
14969	414537.9	3689433.1	-0.5	SND
14970	414533.7	3689430.2	-0.5	SND
14971	414529.4	3689427.2	-0.5	SND
14972	414525.5	3689424.1	-0.4	SND
14973	414521.6	3689421	-0.4	SND
14974	414517.7	3689417.9	-0.4	SND
14975	414513.7	3689414.9	-0.4	SND
14976	414509.4	3689411.8	-0.4	SND
14977	414505	3689408.6	-0.3	SND
14978	414500.9	3689405.7	-0.3	SND
14979	414496.1	3689402.2	-0.4	SND
14980	414492	3689399	-0.4	SND
14981	414488	3689395.8	-0.4	SND
14982	414483.9	3689392.6	-0.4	SND
14983	414479.8	3689389.5	-0.4	SND
14984	414475.6	3689386.5	-0.5	SND
14985	414471.5	3689383.7	-0.4	SND
14986	414467.3	3689380.7	-0.4	SND
14987	414463.2	3689377.8	-0.4	SND
14988	414459	3689374.7	-0.3	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-3.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14989	414454.9	3689371.7	-0.3	SND
14990	414450.8	3689368.6	-0.5	SND
14991	414446.8	3689365.6	-0.4	SND
14992	414442.5	3689362.5	-0.4	SND
14993	414438.3	3689359.4	-0.3	SND
14994	414434	3689356.4	-0.4	SND
14995	414429.9	3689353.4	-0.5	SND
14996	414425.7	3689350.5	-0.4	SND
14997	414421.6	3689347.4	-0.4	SND
14998	414417.6	3689344.3	-0.5	SND
14999	414413.5	3689341.1	-0.3	SND
15000	414409.6	3689338	-0.5	SND
15001	414405.6	3689334.8	-0.5	SND
15002	414401.6	3689331.7	-0.5	SND
15003	414397.5	3689328.5	-0.4	SND
15004	414393.5	3689325.5	-0.4	SND
15005	414389.5	3689322.5	-0.4	SND
15006	414385.3	3689319.5	-0.3	SND
15007	414381.1	3689316.7	-0.3	SND
15008	414376.8	3689313.7	-0.3	SND
15009	414372.5	3689310.7	-0.3	SND
15010	414368.4	3689307.8	-0.4	SND
15011	414364.4	3689304.7	-0.5	SND
15012	414360.6	3689301.6	-0.6	SND
15013	414356.7	3689298.3	-0.5	SND
15014	414352.7	3689295	-0.3	SND
15015	414348.8	3689291.9	-0.3	SND
15016	414344.6	3689288.8	-0.5	SND
15017	414340.3	3689285.8	-0.4	SND
15018	414336.2	3689282.9	-0.4	SND
15019	414332.1	3689279.9	-0.4	SND
15020	414328	3689276.8	-0.3	SND
15021	414323.9	3689273.7	-0.3	SND
15022	414319.9	3689270.6	-0.5	SND
15023	414315.7	3689267.5	-0.7	SND
15024	414311.6	3689264.6	-0.7	SND
15025	414307.3	3689261.7	-0.7	SND
15026	414303	3689258.9	-0.6	SND
15027	414298.8	3689256.1	-0.5	SND
15028	414294.6	3689253.4	-0.5	SND
15029	414290.4	3689250.7	-0.4	SND
15030	414286.2	3689248.1	-0.4	SND
15031	414281.6	3689245.6	-0.4	SND
15032	414277.1	3689243.1	-0.4	SND
15033	414272.8	3689240.5	-0.5	SND
15034	414268.7	3689237.6	-0.7	SND
15035	414264.6	3689234.6	-0.5	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-3.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15036	414260.7	3689231.5	-0.6	SND
15037	414256.6	3689228.3	-0.8	SND
15038	414252.5	3689225	-0.6	SND
15039	414248.8	3689221.5	-0.5	SND
15040	414245.2	3689218	-0.6	SND
15041	414241.5	3689214.3	-0.4	SND
15042	414237.8	3689210.8	-0.3	SND
15043	414232.4	3689206.6	-0.2	SND
15044	414228.2	3689203.6	-0.1	SND
15045	414223.8	3689200.7	0	SND
15046	414219.5	3689198.1	0	SND
15047	414213.6	3689194.4	0.1	SND
15048	414209.3	3689191.6	0.2	SND
15049	414204.8	3689188.6	0.2	SND
15050	414200.5	3689185.7	-0.1	SND
15051	414195	3689181.9	0.2	SND
15052	414190.8	3689178.8	0.1	SND
15053	414186.7	3689175.8	0.1	SND
15054	414182.1	3689172.5	-0.1	SND
15055	414177.5	3689168.9	-0.1	SND
15056	414173	3689165.6	-0.1	SND
15057	414168.3	3689162.2	0.2	SND
15058	414163.6	3689159	0	SND

TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-4.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1278	414786.293	3690096.825	1.738	MR
1279	414764.756	3690084.896	3.479	MR
1280	414743.874	3690069.936	1.56	MR
1281	414743.843	3690070.008	1.074	MR
1283	414692.174	3690022.998	1.679	MR
1284	414720.623	3690042.4	1.223	MR
1290	414737.614	3690062.693	1.621	MR
1291	414269.968	3689685.648	-0.52	SND
1292	414264.375	3689667.559	-0.498	SND
1293	414244.562	3689676.754	-0.305	SND
1294	414223.395	3689684.619	0.04	SND
1295	414206.351	3689686.279	0.102	SND
1296	414190.708	3689684.631	0.226	SND
1297	414174.189	3689679.871	0.111	SND
1298	414158.187	3689675.727	0.164	SND
1299	414140.977	3689676.632	-0.011	SND
1300	414122.383	3689678.719	0.035	SND
1301	414108.824	3689673.548	-0.169	SND
1302	414084.683	3689653.84	-1.189	SND
1303	414066.669	3689633.89	-0.636	SND
1304	414051.968	3689604.317	0.754	SND
1305	414049.373	3689600.742	1.427	MR
1306	414038.918	3689586.315	1.686	MR
1307	414041.655	3689568.294	1.628	MR
1308	414035.087	3689555.057	1.769	MR
1309	414033.053	3689552.306	0.249	SND
1310	414028.09	3689543.502	-0.567	SND
1311	414019.113	3689532.011	0.229	SND
1312	414012.808	3689518.37	0.056	SND
1313	414005.427	3689497.133	0.132	SND
1314	413992.486	3689480.323	-0.03	SND
1317	413893.356	3689458.859	-0.208	SND
1318	413874.926	3689442.576	-0.21	SND
1319	413862.764	3689423.064	-0.158	SND
1320	413846.401	3689403.293	0.191	SND
1321	413826.811	3689385.773	0.262	SND
1322	413810.506	3689378.114	0.26	SND
1323	413800.724	3689373.093	0.096	SND
1324	413797.571	3689372.726	1.616	MR
1325	413785.503	3689366.881	1.374	MR
1326	413782.243	3689365.951	0.216	SND
1342	413505.821	3689199.999	-0.52	SND
1343	413485.978	3689189.511	-0.365	SND
1344	413461.893	3689165.937	-0.604	SND
1345	413455.517	3689157.697	0.043	SND
1346	413454.158	3689155.126	1.391	MR
1347	413434.038	3689138.168	1.831	MR



TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-4.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1348	413419.826	3689113.206	1.64	MR
1349	413411.085	3689094.482	1.516	MR
1350	413408.413	3689085.692	1.581	MR
1351	413407.493	3689083.17	0.303	SND
1352	413400.049	3689064.606	-0.295	SND
1353	413380.007	3689036.988	0.272	SND
1354	413366.743	3689023.118	0.114	SND
1355	413363.081	3689019.939	1.346	MR
1356	413355.387	3689013.459	1.676	MR
1357	413339.13	3689004.147	1.701	MR
1358	413325.752	3688997.115	1.438	MR
1359	413307.098	3688985.355	1.681	MR
1360	413291.937	3688975.047	1.554	MR
1361	413275.568	3688965.705	1.723	MR
1362	413256.622	3688961.83	1.641	MR
1363	413241.071	3688958.492	1.24	MR
1364	413237.833	3688957.777	0.095	SND
1365	413220.546	3688949.396	-0.042	SND
1366	413211.415	3688945.237	0.114	SND
1367	413200.858	3688940.051	-0.09	SND
1368	413188.449	3688934.511	0.092	SND
1369	413175.131	3688927.556	0.082	SND
1370	413162.164	3688919.546	0.25	SND
1371	413150.945	3688911.846	0.255	SND
1372	413139.392	3688905.404	0.251	SND
1373	413130.132	3688900.898	0.228	SND
1374	413120.004	3688893.804	-0.011	SND
1375	413107.282	3688885.656	-0.102	SND
1376	413093.413	3688874.984	0.123	SND
1377	413092.068	3688874.305	1.505	MR
1378	413081.515	3688860.056	1.562	MR
1379	413070.863	3688836.817	1.133	MR
1380	413069.697	3688834.079	-0.69	SND
1381	413067.09	3688830.612	-0.818	SND
1382	413059.171	3688816.205	-0.891	SND
1383	413050.573	3688798.871	-1.065	SND
1384	413048.394	3688778.752	0.116	SND
1385	413041.465	3688765.234	-0.018	SND
1386	413024.73	3688749.758	0.166	SND
1387	413011.955	3688740.453	0.2	SND
1388	413001.199	3688731.703	0.132	SND
1389	412999.227	3688730.708	1.172	MR
1390	412982.492	3688722.201	1.526	MR
1391	412965.56	3688715.629	1.373	MR
1392	412949.165	3688712.127	1.395	MR
1393	412934.067	3688710.295	1.701	MR
1394	412909.019	3688705.789	1.304	MR

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-4.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1395	412906.047	3688706.36	0.389	SND
1396	412900.167	3688705.455	-0.316	SND
1397	412883.154	3688702.013	-0.418	SND
1398	412867.354	3688695.863	-0.517	SND
1399	412849.317	3688684.373	-0.41	SND
1400	412834.351	3688675.665	-0.349	SND
1401	412816.531	3688671.305	0.059	SND
5690	413902.725	3689446.065	0.008	SND
5691	413910.085	3689452.485	0.032	SND
5692	413914.719	3689459.382	-0.037	SND
5693	413918.343	3689467.971	0.041	SND
5694	413923.161	3689476.575	0.212	SND
5695	413936.32	3689496.829	0.45	SND
5696	413940.651	3689502.527	0.401	SND
5697	413947.531	3689510.296	0.353	SND
5698	413955.67	3689516.475	0.501	SND
15131	413537.9	3689151.3	-0.2	SND
15132	413540.1	3689156.2	0	SND
15133	413542.9	3689160.5	-0.2	SND
15134	413545.9	3689164.4	-0.5	SND
15135	413548.4	3689168.5	-0.5	SND
15136	413550.6	3689172.9	-0.3	SND
15137	413553.1	3689177.2	-0.4	SND
15138	413556.3	3689181	-0.4	SND
15139	413560	3689184.4	-0.4	SND
15140	413563.9	3689187.6	-0.3	SND
15141	413569.2	3689191.7	-0.3	SND
15142	413573.6	3689195.2	-0.1	SND
15143	413577.6	3689198.7	-0.3	SND
15144	413581.3	3689202.1	-0.3	SND
15145	413584.9	3689205.5	-0.4	SND
15146	413588.4	3689208.9	-0.3	SND
15147	413592.1	3689212.4	-0.2	SND
15148	413595.9	3689216.5	-0.2	SND
15149	413599	3689220.5	-0.3	SND
15150	413602.1	3689224.5	-0.3	SND
15151	413605.6	3689228.4	-0.4	SND
15152	413609	3689232.4	-0.5	SND
15153	413612.1	3689236.4	-0.3	SND
15154	413614.7	3689240.7	-0.9	SND
15155	413617.2	3689245	-0.8	SND
15156	413619.9	3689249.4	-1.1	SND
15157	413622.9	3689253.3	-0.9	SND
15158	413626.4	3689256.8	-0.9	SND
15159	413630.4	3689259.8	-1.1	SND
15160	413634.6	3689262.7	-0.9	SND
15161	413638.6	3689265.6	-0.8	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-4.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15162	413642.5	3689268.7	-0.9	SND
15163	413646.2	3689271.9	-0.9	SND
15164	413649.8	3689275.5	-0.8	SND
15165	413653.6	3689279	-0.7	SND
15166	413657.2	3689282.4	-0.9	SND
15167	413661	3689285.7	-0.4	SND
15168	413664.8	3689288.9	-0.3	SND
15169	413669.2	3689292.1	-0.3	SND
15170	413674.1	3689295.8	-0.2	SND
15171	413678.3	3689299.1	-0.1	SND
15172	413682.8	3689302.9	-0.3	SND
15173	413688.4	3689307.5	-0.3	SND
15174	413692.9	3689310.8	0.2	SND
15175	413698.7	3689314.7	0.2	SND
15176	413703.6	3689317.4	0.1	SND
15177	413708.8	3689319.7	0.1	SND
15178	413714.1	3689321.9	0.1	SND
15179	413718.6	3689324.6	0.1	SND
15180	413722.4	3689328.1	0.1	SND
15181	413726.3	3689330.9	0.1	SND
15182	413730.9	3689334.1	0.2	SND
15183	413735	3689337.2	0.1	SND
15184	413739.9	3689339.3	0.1	SND
15185	413744.9	3689338.8	0.2	SND
15186	413749.7	3689336.9	0.2	SND
15187	413754.3	3689334.6	0.2	SND
15188	413759	3689331.9	0.2	SND
15189	413765	3689327.9	0.2	SND
15190	413769.9	3689324.4	0.3	SND
15191	413774.9	3689321.7	0.2	SND
15192	413779.8	3689320.4	0	SND
15216	414663.7	3690024.6	-0.6	SND
15217	414662.3	3690019.8	-0.7	SND
15218	414659.5	3690015.2	-0.8	SND
15219	414656	3690011.5	-0.9	SND
15220	414651.8	3690008.2	-0.9	SND
15221	414647.7	3690005.4	-0.8	SND
15222	414643.4	3690002.5	-0.8	SND
15223	414639.2	3689999.4	-0.7	SND
15224	414635.1	3689996.2	-0.7	SND
15225	414631	3689992.9	-0.7	SND
15226	414627.1	3689989.7	-0.7	SND
15227	414623	3689986.4	-0.7	SND
15228	414619.1	3689983.2	-0.8	SND
15229	414614.9	3689980.1	-0.9	SND
15230	414610.8	3689977.2	-1.5	SND
15231	414606.6	3689974.5	-2.3	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-4.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15232	414602.2	3689971.8	-3.7	SND
15233	414597.6	3689969.2	-4.6	SND
15234	414593.2	3689966.8	-4.7	SND
15235	414588.7	3689964.6	-4.5	SND
15236	414583.9	3689962.4	-3.7	SND
15237	414579.2	3689960.3	-2.1	SND
15238	414574.4	3689958.1	-1.5	SND
15239	414569.7	3689956	-1.6	SND
15240	414565	3689953.9	-2.2	SND
15241	414560.3	3689951.8	-2.9	SND
15242	414555.5	3689949.9	-3.3	SND
15243	414550.8	3689947.9	-3.7	SND
15244	414546.1	3689945.8	-3.8	SND
15245	414541.6	3689943.5	-4.2	SND
15246	414537.1	3689940.9	-4.8	SND
15247	414532.9	3689937.9	-5.5	SND
15248	414528.9	3689934.7	-6.2	SND
15249	414524.8	3689931.3	-6.9	SND
15250	414520.8	3689927.8	-7.4	SND
15251	414516.7	3689924.3	-7.6	SND
15252	414512.8	3689921.2	-7.5	SND
15253	414508.4	3689918	-7.7	SND
15254	414503.9	3689915	-7.7	SND
15255	414499.7	3689912.3	-7.5	SND
15256	414495.5	3689909.4	-7.3	SND
15257	414491.4	3689906.5	-7.1	SND
15258	414487.4	3689903.3	-7	SND
15259	414483.3	3689899.7	-6.7	SND
15260	414479.4	3689896	-6.7	SND
15261	414475.5	3689892.2	-6.6	SND
15262	414471.7	3689888.5	-6.5	SND
15263	414467.8	3689884.6	-6.3	SND
15264	414464.2	3689881	-6.1	SND
15265	414460.5	3689877.4	-5.6	SND
15266	414456.4	3689873.5	-5.4	SND
15267	414452.6	3689869.9	-5.2	SND
15268	414448.5	3689866.3	-4.7	SND
15269	414444.6	3689863.1	-3.9	SND
15270	414440.7	3689859.9	-3.5	SND
15271	414436.8	3689856.8	-3.1	SND
15272	414433	3689853.6	-2.9	SND
15273	414429	3689850.1	-2.7	SND
15274	414425.1	3689846.5	-2.6	SND
15275	414421.3	3689842.7	-2.5	SND
15276	414417.6	3689839	-2.1	SND
15277	414413.9	3689835.4	-1.8	SND
15278	414410.2	3689831.9	-1.7	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-4.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15279	414406.2	3689828.3	-1.6	SND
15280	414402.2	3689824.8	-1.5	SND
15281	414398.1	3689821.3	-1.5	SND
15282	414393.9	3689817.8	-1.4	SND
15283	414389.9	3689814.5	-1.3	SND
15284	414386.1	3689811.3	-1.3	SND
15285	414382.1	3689807.9	-1.3	SND
15286	414378.1	3689804.6	-1.3	SND
15287	414374	3689801.2	-1.3	SND
15288	414370.1	3689798	-1.1	SND
15289	414366	3689794.8	-1.2	SND
15290	414361.7	3689791.8	-1	SND
15291	414357.4	3689789.1	-1	SND
15292	414352.8	3689786.6	-1.1	SND
15293	414348.2	3689784.1	-0.9	SND
15294	414343.5	3689781.4	-0.8	SND
15295	414339.1	3689778.7	-0.7	SND
15296	414335	3689775.6	-0.7	SND
15297	414331.3	3689772.1	-0.6	SND
15298	414328	3689768.1	-0.5	SND
15299	414324.9	3689763.9	-0.4	SND
15300	414321.8	3689759.7	-0.3	SND
15301	414318.6	3689755.9	-0.3	SND
15302	414315	3689752.1	-0.4	SND
15303	414311.2	3689748.6	-0.4	SND
15304	414307.1	3689745	-0.3	SND
15305	414303.6	3689741.4	-0.3	SND
15306	414300.6	3689737	-0.3	SND
15307	414298.9	3689732.2	-0.3	SND
15308	414298.2	3689727.1	-0.3	SND
15309	414297.7	3689722.2	-0.3	SND
15310	414297.2	3689717.2	-0.3	SND
15311	414296.6	3689712.2	-0.3	SND
15312	414295.8	3689707	-0.3	SND
15313	414294.6	3689701.3	-0.3	SND
15314	414293	3689696.5	-0.3	SND
15315	414290.9	3689692	-0.3	SND
15316	414288.1	3689687.8	-0.4	SND
15317	414284.6	3689684.1	-0.3	SND
15318	414280.2	3689681.7	-0.4	SND
15319	414276.3	3689682	-0.3	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-5.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1413	412590.294	3688969.71	-0.174	SND
1414	412598.067	3688975.15	-0.342	SND
1415	412604.165	3688980.407	-0.497	SND
1416	412610.956	3688986.939	-0.434	SND
1417	412617.203	3688993.648	-0.502	SND
1418	412626.03	3689001.451	-0.548	SND
1419	412636.059	3689010.782	-0.559	SND
1420	412645.59	3689019.267	-0.449	SND
1421	412654.715	3689027.497	-0.201	SND
1422	412663.144	3689035.085	-0.497	SND
1423	412672.353	3689043.212	-0.44	SND
1424	412681.916	3689051.713	-0.311	SND
1425	412691.506	3689060.496	-0.18	SND
1426	412700.609	3689069.028	-0.105	SND
1427	412710.844	3689078.91	-0.242	SND
1428	412729.252	3689097.13	-0.431	SND
1429	412744.419	3689121.435	-0.432	SND
1430	412748.368	3689132.39	-0.586	SND
1431	412753.927	3689141.836	-0.67	SND
1432	412762.306	3689151.784	-0.41	SND
1433	412771.22	3689160.303	-0.362	SND
1434	412781.417	3689170.908	-0.086	SND
1435	412790.362	3689180.544	-0.036	SND
1436	412801.192	3689188.802	-0.136	SND
1437	412810.464	3689194.34	-0.223	SND
1438	412819.364	3689198.986	-0.188	SND
1439	412828.865	3689203.915	-0.221	SND
1440	412839.223	3689209.233	-0.213	SND
1441	412852.065	3689213.987	-0.091	SND
1442	412865.929	3689216.735	-0.088	SND
1443	412877.592	3689219.471	-0.103	SND
1444	412889.334	3689222.483	-0.119	SND
1445	412901.771	3689228	-0.134	SND
1446	412909.806	3689232.858	-0.188	SND
1447	412917.974	3689238.141	-0.198	SND
1448	412926.907	3689245.093	-0.156	SND
1449	412936.808	3689252.623	-0.255	SND
1450	412949.184	3689261.762	-0.314	SND
1451	412961.965	3689271.852	-0.323	SND
1452	412973.088	3689279.426	-0.663	SND
1453	412986.005	3689288.622	-0.763	SND
1454	412999.845	3689300.481	-0.671	SND
1455	413013.536	3689312.802	-0.772	SND
1456	413027.292	3689324.995	-0.703	SND
1457	413040.936	3689339.298	-0.982	SND
1458	413054.787	3689352.679	-0.642	SND
1459	413070.682	3689362.895	-0.897	SND



TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-5.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1460	413085.153	3689369.672	-0.755	SND
1461	413097.422	3689373.254	-0.621	SND
1462	413111.021	3689377.204	-0.629	SND
1463	413123.156	3689381.956	-0.656	SND
1464	413136.117	3689388.31	-0.628	SND
1465	413149.028	3689394.55	-0.438	SND
1466	413162.287	3689399.019	-0.539	SND
1467	413176.648	3689405.551	-0.567	SND
1468	413191.719	3689414.612	-0.554	SND
1469	413203.547	3689423.306	-0.343	SND
1470	413214.065	3689431.582	-0.216	SND
1471	413231.61	3689447.855	-0.009	SND
1472	413233.874	3689449.439	1.278	MR
1473	413248.492	3689462.825	1.22	MR
1474	413260.339	3689474.107	1.565	MR
1475	413271.139	3689484.269	1.462	MR
1476	413283.818	3689499.981	1.447	MR
1477	413294.731	3689511.852	1.646	MR
1478	413300.66	3689521.656	1.44	MR
1479	413302.361	3689523.469	0.135	SND
1480	413316.602	3689535.332	-0.268	SND
1481	413326.654	3689546.864	-0.867	SND
1482	413333.432	3689558.419	-0.429	SND
1483	413337.549	3689570.567	0.413	SND
1484	413340.509	3689575.283	1.515	MR
1485	413359.904	3689585.744	1.494	MR
1486	413378.8	3689595.173	1.495	MR
1487	413391.279	3689600.03	1.543	MR
1488	413406.597	3689610.213	1.519	MR
1489	413408.075	3689612.554	0.62	SND
1490	413413.771	3689614.844	0.192	SND
1491	413428.682	3689630.265	-0.29	SND
1492	413438.994	3689638.694	-1.01	SND
1493	413450.323	3689645.743	-1.318	SND
1494	413460.394	3689650.897	-1.276	SND
1495	413468.764	3689656.145	-1.571	SND
1496	413475.359	3689661.001	-1.588	SND
1497	413482.49	3689666.186	-1.525	SND
1498	413490.605	3689672.319	-0.965	SND
1499	413498.55	3689677.863	-1.3	SND
1500	413508.227	3689684.578	-0.89	SND
1501	413517.098	3689690.765	-1.027	SND
1502	413529.164	3689698.364	-0.106	SND
1503	413544.775	3689710.195	0.265	SND
1504	413546.899	3689712.447	1.039	MR
1505	413560.418	3689726.868	1.683	MR
1506	413573.205	3689739.643	1.586	MR

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-5.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1507	413584.739	3689754.042	1.66	MR
1508	413592.564	3689762.214	1.497	MR
1509	413595.408	3689765	0.682	SND
1510	413602.891	3689773.929	0.683	SND
1511	413608.934	3689781.419	0.676	SND
1512	413613.661	3689782.913	0.702	SND
1513	413623.252	3689789.319	0.7	SND
1514	413632.656	3689796.012	0.582	SND
1515	413642.377	3689799.051	0.622	SND
1516	413652.809	3689801.912	0.141	SND
1517	413666.689	3689809.619	0.788	SND
2690	413688.708	3689805.53	0.725	SND
2691	413692.113	3689806.351	1.46	MR
2692	413711.432	3689811.967	1.681	MR
2693	413725.825	3689823.066	1.576	MR
2694	413738.899	3689831.546	1.272	MR
2695	413740.018	3689832.898	0.685	SND
2696	413750.109	3689843.213	0.33	SND
2697	413754.491	3689845.945	0.593	SND
2698	413764.015	3689855.148	0.483	SND
2699	413772.927	3689864.744	0.452	SND
2700	413784.949	3689874.381	0.241	SND
2701	413799.893	3689884.501	-0.489	SND
2702	413815.707	3689896.372	-1.658	SND
2703	413833.071	3689908.939	-1.08	SND
2704	413848.862	3689922.058	-0.401	SND
2705	413859.068	3689932.287	-0.214	SND
2706	413879.872	3689952.8	0.009	SND
2707	413896.466	3689967.354	0.197	SND
2708	413906.918	3689976.567	0.445	SND
2709	413916.585	3689983.608	0.735	SND
2710	413929.225	3689989.74	0.296	SND
2711	413937.135	3689995.32	0.112	SND
2712	413944.53	3690000.71	0.103	SND
2713	413953.919	3690006.427	-0.202	SND
2714	413963.917	3690011.634	-0.3	SND
2715	413975.567	3690016.921	-0.406	SND
2716	413988.042	3690022.523	-0.601	SND
2717	414000.972	3690027.894	-0.649	SND
2718	414017.853	3690034.432	-0.657	SND
2722	414503.265	3690425.47	-0.453	SND
2723	414504.466	3690425.051	1.499	MR
2724	414520.774	3690430.251	1.489	MR
2725	414537.591	3690440.175	0.945	MR
2726	414554.6609	3690451.175	1.47	MR
11585	414235.4	3690215.9	-7.1	SND
15328	414032.8	3690035.7	-0.9	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-5.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15329	414035	3690040.3	-0.8	SND
15330	414037.7	3690044.7	-0.7	SND
15331	414041.5	3690048.9	-0.7	SND
15332	414045.4	3690052.2	-0.7	SND
15333	414050	3690055.2	-0.8	SND
15334	414054.6	3690057.8	-0.7	SND
15335	414059.2	3690059.8	-0.7	SND
15336	414064.1	3690061.4	-0.7	SND
15337	414069.1	3690062.7	-0.7	SND
15338	414074.2	3690063.9	-0.7	SND
15339	414079.3	3690065.3	-0.7	SND
15340	414084.4	3690067.2	-0.7	SND
15341	414088.6	3690070.2	-0.7	SND
15342	414092	3690074	-0.7	SND
15343	414094.7	3690078.3	-0.7	SND
15344	414097.1	3690083	-0.8	SND
15345	414099.4	3690087.6	-0.7	SND
15346	414101.7	3690092.2	-0.8	SND
15347	414104.3	3690096.8	-0.8	SND
15348	414106.5	3690101.4	-0.8	SND
15349	414108.4	3690106.2	-0.9	SND
15350	414110.3	3690110.9	-0.8	SND
15351	414112.6	3690115.3	-0.9	SND
15352	414115.8	3690119.4	-0.9	SND
15353	414119.6	3690122.7	-0.9	SND
15354	414124.1	3690125.3	-1	SND
15355	414128.7	3690127.2	-1.1	SND
15356	414133.5	3690128.8	-1.1	SND
15357	414138.4	3690130.2	-1.3	SND
15358	414143.3	3690131.5	-1.5	SND
15359	414148.2	3690132.7	-1.4	SND
15360	414153.4	3690134	-1.5	SND
15361	414158.5	3690135.6	-1.6	SND
15362	414163.4	3690137.5	-1.9	SND
15363	414168	3690139.8	-2.3	SND
15364	414172.4	3690142.4	-2.5	SND
15365	414176.6	3690145.6	-2.8	SND
15366	414180.3	3690148.9	-3.3	SND
15367	414184	3690152.7	-2.8	SND
15368	414187.1	3690156.6	-3.1	SND
15369	414190.1	3690160.9	-3.5	SND
15370	414192.9	3690165.4	-4.2	SND
15371	414195.3	3690170	-4.6	SND
15372	414197.6	3690174.7	-4.8	SND
15373	414199.8	3690179.3	-5.1	SND
15374	414202.3	3690183.6	-5.3	SND
15375	414205.3	3690187.6	-5.6	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-5.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15376	414208.8	3690191.4	-5.9	SND
15377	414212.7	3690195	-6.1	SND
15378	414216.7	3690198.1	-6.3	SND
15379	414221	3690201.3	-6.6	SND
15380	414225.4	3690204.3	-6.8	SND
15381	414229.5	3690207.2	-6.9	SND
15383	414238.2	3690213.1	-7	SND
15384	414242.2	3690216.1	-7.1	SND
15385	414246.3	3690219.3	-7.2	SND
15386	414250.2	3690222.6	-7	SND
15387	414254	3690226.2	-6.5	SND
15388	414257.6	3690229.9	-6.3	SND
15389	414261.2	3690233.6	-5.7	SND
15390	414264.7	3690237.5	-5.5	SND
15391	414268.2	3690241.4	-5.2	SND
15392	414271.7	3690245.2	-5.3	SND
15393	414275.1	3690249.2	-4.6	SND
15394	414278.5	3690253.2	-4.5	SND
15395	414282.1	3690257.5	-4.2	SND
15396	414285.6	3690261.6	-3.7	SND
15397	414288.9	3690265.5	-2.9	SND
15398	414292.2	3690269.3	-2.4	SND
15399	414295.8	3690273.1	-2.2	SND
15400	414300	3690276.9	-1.9	SND
15401	414304.2	3690280.1	-1.7	SND
15402	414308.4	3690283	-1.7	SND
15403	414312.8	3690285.7	-1.5	SND
15404	414317.2	3690288.1	-1.4	SND
15405	414322	3690290.4	-1.4	SND
15406	414327.8	3690292.9	-1.2	SND
15407	414332.7	3690294.6	-1.2	SND
15408	414337.8	3690296.3	-1.3	SND
15409	414343	3690298.2	-1.1	SND
15410	414347.4	3690300.6	-1	SND
15411	414351.5	3690303.5	-1.1	SND
15412	414355.3	3690306.9	-1	SND
15413	414358.9	3690310.4	-1.1	SND
15414	414362.6	3690313.8	-1	SND
15415	414366.5	3690317.1	-1	SND
15416	414370.7	3690320.2	-0.9	SND
15417	414375	3690323.3	-1.1	SND
15418	414379.1	3690326.3	-1.1	SND
15419	414383.2	3690329.3	-1.1	SND
15420	414387.8	3690332.7	-1.1	SND
15421	414392.2	3690335.8	-0.9	SND
15422	414396.4	3690338.5	-1	SND
15423	414401.1	3690341.4	-1.1	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-5.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15424	414405.9	3690344	-1	SND
15425	414410.4	3690346.4	-1	SND
15426	414415	3690348.8	-1	SND
15427	414419.5	3690351	-0.9	SND
15428	414424	3690353.4	-0.9	SND
15429	414428.3	3690356	-0.8	SND
15430	414432.6	3690358.7	-0.9	SND
15431	414436.9	3690361.7	-0.8	SND
15432	414441.4	3690364.5	-0.9	SND
15433	414445.8	3690367.1	-0.9	SND
15434	414450.3	3690369.6	-1	SND
15435	414454.9	3690371.9	-1	SND
15436	414459.5	3690374.5	-1	SND
15437	414464.1	3690377.5	-0.9	SND
15438	414467.9	3690380.7	-1	SND
15439	414471.5	3690384.2	-1	SND
15440	414475	3690387.7	-0.9	SND
15441	414478.8	3690390.9	-1	SND
15442	414482.3	3690394.4	-0.9	SND
15443	414485.7	3690398.1	-0.9	SND
15444	414488.4	3690402.3	-0.8	SND

# TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-6.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2727	414299.769	3690762.265	1.455	MR
2728	414292.163	3690749.182	1.229	MR
2729	414285.545	3690733.021	1.704	MR
2730	414277.135	3690721.906	1.291	MR
2731	414267.828	3690710.905	1.473	MR
2732	414251.639	3690702.494	1.534	MR
2733	414235.582	3690693.392	1.492	MR
2734	414219.511	3690684.565	1.44	MR
2735	414217.65	3690682.333	-0.546	SND
2736	414211.218	3690680.264	-0.559	SND
2745	413722.488	3690321.886	0.877	SND
2746	413720.775	3690320.564	1.274	MR
2747	413702.949	3690311.026	1.585	MR
2748	413693.754	3690298.149	1.582	MR
2749	413681.984	3690289.65	1.574	MR
2750	413671.576	3690282.883	1.459	MR
2751	413663.574	3690278.254	1.491	MR
2752	413651.209	3690269.157	1.491	MR
2753	413638.713	3690261.372	1.626	MR
2754	413620.679	3690244.138	1.518	MR
2755	413618.49	3690242.231	0.481	SND
2756	413605.609	3690231.672	0.318	SND
2757	413599.468	3690223.727	0.249	SND
2758	413590.801	3690214.649	0.225	SND
2759	413580.575	3690205.717	0.201	SND
2760	413569.896	3690195.852	0.102	SND
2761	413560.5	3690185.234	0.119	SND
2762	413546.614	3690173.723	0.113	SND
2763	413531.856	3690164.135	0.131	SND
2764	413516.075	3690155.043	0.173	SND
2765	413500.899	3690147.29	0.12	SND
2766	413485.402	3690139.515	0.159	SND
2767	413468.864	3690130.263	0.015	SND
2768	413451.696	3690120.162	-0.087	SND
2769	413434.549	3690110.241	-0.147	SND
2770	413418.183	3690099.704	-0.193	SND
2771	413401.277	3690088.022	-0.24	SND
2772	413383.967	3690076.329	-0.296	SND
2773	413368.197	3690064.586	-0.267	SND
2774	413351.302	3690050.847	-0.245	SND
2775	413335.844	3690037.924	-0.226	SND
2776	413320.942	3690024.587	-0.339	SND
2777	413305.857	3690011.991	-0.109	SND
2778	413289.383	3690002.378	-0.314	SND
2779	413270.945	3689993.171	-0.425	SND
2780	413251.973	3689981.907	-0.415	SND
2781	413231.946	3689969.256	-0.479	SND



TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-6.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2782	413214.309	3689956.219	-0.475	SND
2783	413198.021	3689944.392	-0.705	SND
2784	413179.956	3689932.562	-0.558	SND
2785	413164.09	3689920.297	-0.503	SND
2786	413147.999	3689906.643	-0.549	SND
2787	413132.215	3689893.791	-0.697	SND
2788	413116.337	3689878.806	-0.675	SND
2789	413101.173	3689864.986	-0.699	SND
2790	413085.835	3689850.906	-0.984	SND
2791	413069.869	3689835.819	-0.643	SND
2792	413051.264	3689819.331	-0.642	SND
2793	413034.529	3689807.764	-0.604	SND
2794	413017.18	3689797.06	-0.546	SND
2795	412997.876	3689787.163	-0.432	SND
2796	412976.839	3689776.745	-0.37	SND
2797	412961.843	3689767.816	-0.232	SND
2798	412950.849	3689756.985	0.073	SND
2799	412949.513	3689755.884	1.28	MR
2800	412940.192	3689745.78	1.181	MR
2801	412939.165	3689744.699	0.292	SND
2802	412930.244	3689738.208	0.564	SND
2803	412928.68	3689736.019	1.309	MR
2804	412924.596	3689729.092	1.544	MR
2805	412911.903	3689716.584	1.441	MR
2806	412911.034	3689714.226	0.253	SND
2807	412901.244	3689708.55	-0.079	SND
2808	412893.806	3689701.824	-0.046	SND
2809	412887.383	3689695.596	-0.098	SND
2810	412879.279	3689687.38	-0.069	SND
2811	412867.137	3689678.778	-0.504	SND
2812	412850.434	3689668.902	-0.575	SND
2813	412835.169	3689660.825	-0.607	SND
2814	412818.367	3689652.012	-0.834	SND
2815	412800.921	3689642.565	-0.252	SND
2816	412785.348	3689634.014	-0.664	SND
2817	412772.984	3689626.307	-0.144	SND
2818	412762.732	3689616.245	0.576	SND
2819	412761.464	3689615.287	1.488	MR
2820	412758.831	3689610.375	1.86	MR
2821	412755.26	3689604.642	1.368	MR
2822	412753.154	3689602.157	0.222	SND
2823	412748.284	3689598.486	0.352	SND
2824	412739.815	3689586.052	0.548	SND
2825	412729.036	3689577.09	0.223	SND
2826	412720.634	3689564.716	0.093	SND
2827	412710.359	3689558.355	0.215	SND
2828	412700.699	3689552.888	-0.063	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-6.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2829	412689.898	3689545.945	-0.087	SND
2830	412677.038	3689537.257	-0.111	SND
2831	412652.94	3689518.835	-0.124	SND
2832	412639.68	3689509.577	-0.153	SND
2833	412624.697	3689502.257	-0.309	SND
2834	412609.429	3689495.943	-0.311	SND
2835	412594.188	3689488.826	-0.319	SND
2836	412577.719	3689479.931	-0.477	SND
2837	412560.31	3689469.589	-0.948	SND
2838	412543.705	3689458.976	-0.853	SND
2839	412527.146	3689447.53	-0.348	SND
2840	412513.14	3689436.38	-0.293	SND
2841	412501.636	3689425.103	0.049	SND
2842	412491.73	3689414.634	0.189	SND
2843	412483.693	3689403.191	0.275	SND
2844	412476.527	3689393.62	0.128	SND
2845	412468.396	3689385.336	0.284	SND
2846	412459.92	3689377.194	0.316	SND
2847	412450.916	3689369.563	0.061	SND
2848	412442.339	3689364.351	0.218	SND
2849	412439.878	3689363.497	1.253	MR
2850	412416.755	3689358.831	1.79	MR
2851	412415.099	3689358.434	0.139	SND
2852	412405.925	3689352.235	0.411	SND
2853	412405.252	3689351.359	1.191	MR
2854	412392.186	3689347.939	1.412	MR
2855	412382.998	3689340.306	1.697	MR
2856	412372.741	3689333.267	1.579	MR
2857	412364.042	3689329.414	1.295	MR
2858	412349.935	3689320.477	1.34	MR
2859	412346.506	3689316.347	0.555	SND
2860	412334.908	3689307.617	0.097	SND
15449	414205.9	3690673.2	-0.4	SND
15450	414200.4	3690674.8	-0.3	SND
15451	414195.4	3690675.5	-0.4	SND
15452	414190.3	3690675.4	-0.6	SND
15453	414185.5	3690674.7	-0.6	SND
15454	414180.9	3690673.1	-0.8	SND
15455	414176.5	3690670.6	-0.7	SND
15456	414172.6	3690667.6	-1	SND
15457	414169	3690664.1	-1.1	SND
15458	414166	3690660	-1.1	SND
15459	414163.4	3690655.6	-1.2	SND
15460	414161.4	3690651.1	-1.2	SND
15461	414159.3	3690646.5	-1.2	SND
15462	414157.4	3690641.9	-1.3	SND
15463	414155.6	3690637.1	-1.3	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-6.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15464	414153.8	3690632.4	-1.2	SND
15465	414152.1	3690627.7	-1.2	SND
15466	414150.2	3690623	-1.3	SND
15467	414147.8	3690618.4	-1.1	SND
15468	414144.9	3690614.1	-1.2	SND
15469	414141.5	3690610.2	-1.2	SND
15470	414137.7	3690606.5	-1.1	SND
15471	414133.8	3690603.2	-1	SND
15472	414129.5	3690600.4	-1.1	SND
15473	414124.8	3690598.1	-1.1	SND
15474	414120.1	3690596.4	-1.1	SND
15475	414115.2	3690595.1	-1.1	SND
15476	414110.3	3690594.1	-1.1	SND
15477	414105.3	3690593.1	-1.1	SND
15478	414100.1	3690591.9	-1.1	SND
15479	414095.2	3690590.1	-1.2	SND
15480	414090.7	3690588	-1.1	SND
15481	414086.3	3690585.3	-1.2	SND
15482	414082.4	3690582.2	-1.3	SND
15483	414078.6	3690578.4	-1.2	SND
15484	414075.3	3690574.6	-1.2	SND
15485	414072.1	3690570.6	-1.3	SND
15486	414068.8	3690566.5	-1.4	SND
15487	414065.4	3690562.4	-1.2	SND
15488	414062	3690558.7	-1.4	SND
15489	414058.5	3690554.9	-1.4	SND
15490	414054.7	3690551.2	-1.5	SND
15491	414050.3	3690547.3	-1.6	SND
15492	414046.3	3690544.3	-1.9	SND
15493	414042.2	3690541.5	-2.2	SND
15494	414038	3690538.8	-2.3	SND
15495	414033.6	3690536.2	-3	SND
15496	414029.2	3690533.8	-3	SND
15497	414024.6	3690531.5	-3.1	SND
15498	414019.9	3690529.2	-3.4	SND
15499	414015.1	3690527.3	-3.8	SND
15500	414010.3	3690525.5	-4.1	SND
15501	414005.6	3690523.8	-4	SND
15502	414000.9	3690522.1	-4.1	SND
15503	413995.9	3690520.2	-4.3	SND
15504	413991.3	3690518.3	-4.6	SND
15505	413986.6	3690516.1	-4.9	SND
15506	413981.9	3690513.7	-5.4	SND
15507	413977.4	3690511.2	-5.9	SND
15508	413973	3690508.6	-5.8	SND
15509	413968.7	3690505.8	-6.2	SND
15510	413964.5	3690502.7	-6.3	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-6.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15511	413960.5	3690499.5	-6.2	SND
15512	413956.6	3690496.4	-6.2	SND
15513	413952.7	3690493.2	-6.4	SND
15514	413948.5	3690489.9	-6.3	SND
15515	413944.2	3690486.7	-6.3	SND
15516	413940	3690483.7	-6.5	SND
15517	413935.6	3690480.6	-6.5	SND
15518	413931.3	3690477.6	-6.5	SND
15519	413927.2	3690474.8	-6.2	SND
15520	413922.8	3690471.8	-6	SND
15521	413918.1	3690468.5	-6	SND
15522	413913.8	3690465.5	-5.5	SND
15523	413909.3	3690462.4	-5.2	SND
15524	413905	3690459.5	-5.4	SND
15525	413900.8	3690456.8	-5.1	SND
15526	413896.2	3690453.9	-5	SND
15527	413891.7	3690451.1	-4.6	SND
15528	413887.5	3690448.4	-4.4	SND
15529	413883.1	3690445.6	-3.6	SND
15530	413878.6	3690442.8	-3.2	SND
15531	413874.3	3690439.9	-2.5	SND
15532	413870	3690436.9	-2	SND
15533	413866	3690433.8	-2	SND
15534	413862	3690430.6	-1.9	SND
15535	413858.1	3690427.2	-1.7	SND
15536	413854.3	3690423.7	-1.6	SND
15537	413850.4	3690420	-1.4	SND
15538	413846.7	3690416.6	-1.4	SND
15539	413842.8	3690413	-1.3	SND
15540	413839.1	3690409.6	-1.4	SND
15541	413835	3690406.1	-1.3	SND
15542	413831.1	3690403	-1.2	SND
15543	413826.8	3690399.7	-1.2	SND
15544	413822.6	3690396.4	-1.1	SND
15545	413818.5	3690393.2	-1.1	SND
15546	413814.4	3690390	-1.2	SND
15547	413810.4	3690386.9	-1.1	SND
15548	413806.2	3690383.7	-1	SND
15549	413801.9	3690380.8	-1.1	SND
15550	413797.6	3690378	-1.1	SND
15551	413793.2	3690375.5	-1.2	SND
15552	413788.9	3690372.9	-1.2	SND
15553	413784.5	3690370.1	-1.1	SND
15554	413780.2	3690367.5	-0.9	SND
15555	413775.8	3690364.7	-0.9	SND
15556	413771.6	3690362	-0.8	SND
15557	413767.2	3690359.3	-0.7	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-6.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15558	413762.9	3690356.7	-0.7	SND
15559	413758.6	3690354.2	-0.7	SND
15560	413754.3	3690351.6	-0.7	SND
15561	413750.2	3690348.6	-0.4	SND
15562	413746.5	3690345.3	-0.3	SND
15563	413742.4	3690341.3	-0.3	SND
15564	413738.4	3690338.1	-0.2	SND
15565	413732.9	3690335.6	-0.4	SND
15566	413727.5	3690334.8	0	SND

TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-7.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2870	412091.665	3689629.068	-0.927	SND
2871	412095.345	3689631.988	-1.033	SND
2872	412102.461	3689637.398	-1.678	SND
2873	412110.21	3689643.059	-1.997	SND
2874	412117.879	3689648.28	-2.173	SND
2875	412126.42	3689654.656	-2.44	SND
2876	412135.6	3689660.811	-2.639	SND
2877	412144.164	3689667.212	-2.713	SND
2878	412153.7	3689673.399	-2.391	SND
2879	412163.372	3689680.116	-1.684	SND
2880	412173.762	3689687.9	-1.287	SND
2881	412187.844	3689698.768	-0.794	SND
2882	412197.548	3689707.05	-0.417	SND
2883	412215.703	3689723.032	0.356	SND
2884	412218.515	3689724.13	0.768	MR
2885	412234.161	3689735.265	1.698	MR
2886	412243.582	3689745.421	1.411	MR
2887	412245.402	3689747.683	-0.101	SND
2888	412257.454	3689755.428	-0.211	SND
2889	412276.027	3689770.534	-0.222	SND
2890	412284.32	3689771.262	1.076	MR
2891	412298.839	3689775.044	1.626	MR
2892	412313.105	3689781.388	1.603	MR
2893	412325.876	3689785.192	1.415	MR
2894	412327.198	3689786.65	0.535	SND
2895	412340.023	3689790.445	0.438	SND
2896	412349.424	3689798.513	0.673	SND
2897	412351.512	3689800.387	1.533	MR
2898	412360.597	3689811.68	1.353	MR
2899	412370.427	3689824.471	1.524	MR
2900	412380.949	3689836.44	1.098	MR
2901	412392.645	3689850.087	1.513	MR
2902	412403.058	3689860.661	1.286	MR
2903	412403.944	3689863.415	0.252	SND
2904	412416.878	3689871.775	-0.326	SND
2905	412428.258	3689879.56	0.234	SND
2906	412442.864	3689888.636	-0.296	SND
2907	412456.495	3689892.639	-0.267	SND
2908	412466.662	3689900.408	-0.13	SND
2909	412475.571	3689909.666	-0.327	SND
2910	412487.509	3689920.049	-0.164	SND
2911	412498.749	3689927.909	-0.003	SND
2912	412522.66	3689945.389	-1.013	SND
2913	412529.83	3689948.244	-0.829	SND
2914	412554.138	3689961.162	0.356	SND
2915	412557.786	3689961.943	1.281	MR
2916	412570.77	3689967.965	1.457	MR

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-7.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2917	412583.759	3689977.644	1.604	MR
2918	412599.766	3689986.506	1.46	MR
2919	412616.821	3689998.402	1.482	MR
2920	412619.018	3690000.081	-0.542	SND
2921	412624.144	3690001.264	-1.722	SND
2922	412636.383	3690011.578	-2.411	SND
2923	412646.759	3690022.346	-2.141	SND
2924	412657.748	3690036.007	-1.67	SND
2925	412669.005	3690048.278	-0.869	SND
2926	412677.651	3690057.769	-0.807	SND
2927	412698.242	3690073.225	-0.162	SND
2928	412700.171	3690077.446	1.486	MR
2929	412719.5	3690092.765	1.356	MR
2930	412724.915	3690097.96	1.456	MR
2931	412726.836	3690100.236	-0.134	SND
2932	412739.03	3690105.793	-0.363	SND
2933	412754.383	3690116.839	-0.229	SND
2934	412762.503	3690122.442	0.08	SND
2935	412768.982	3690126.724	-0.021	SND
2936	412775.867	3690132.347	-0.313	SND
2937	412784.021	3690137.752	0.021	SND
2938	412794.823	3690143.886	-0.206	SND
2939	412803.308	3690149.202	-0.239	SND
2940	412814.689	3690153.434	0.214	SND
2941	412826.718	3690159.485	0.298	SND
2942	412839.897	3690172.219	-0.023	SND
2943	412830.413	3690161.925	0.112	SND
2944	412838.931	3690171.169	-0.226	SND
2945	412845.614	3690180.473	-0.31	SND
2946	412854.2	3690191.619	-0.802	SND
2947	412863.657	3690204.508	-0.726	SND
2948	412874.135	3690219.524	-0.927	SND
2949	412887.602	3690235.665	-0.719	SND
2950	412908.836	3690252.445	-0.958	SND
2951	412924.892	3690264.183	-0.887	SND
2952	412942.018	3690279.164	-0.493	SND
2953	412959.871	3690290.865	-0.508	SND
2954	412977.101	3690297.39	-0.559	SND
2955	412993.902	3690304.666	-0.496	SND
2956	413008.427	3690311.851	-0.506	SND
2957	413026.529	3690318.557	-0.506	SND
2958	413041.238	3690324.283	-0.47	SND
2959	413057.019	3690331.849	-0.387	SND
2960	413069.061	3690339.874	-0.406	SND
2961	413083.165	3690350.711	-0.318	SND
2962	413094.736	3690359.811	-0.349	SND
2963	413107.677	3690370.319	-0.324	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-7.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2964	413121.686	3690380.686	-0.278	SND
2965	413135.53	3690389.532	-0.256	SND
2966	413148.999	3690397.868	-0.163	SND
2967	413163.53	3690404.591	-0.181	SND
2968	413177.78	3690410.878	-0.085	SND
2969	413190.613	3690419.792	-0.089	SND
2970	413201.252	3690431.158	0.088	SND
2971	413209.909	3690442.867	0.013	SND
2972	413218.493	3690455.183	0.04	SND
2973	413229.603	3690467.142	-0.022	SND
2974	413241.841	3690476.896	-0.052	SND
2975	413255.388	3690487.063	0.203	SND
2976	413273.978	3690500.715	0.404	SND
2977	413275.596	3690501.581	1.129	MR
2978	413289.288	3690512.063	1.753	MR
2979	413302.322	3690521.812	1.612	MR
2980	413313.515	3690531.199	1.703	MR
2981	413320.275	3690534.073	1.216	MR
2982	413322.599	3690536.302	0.393	SND
2983	413336.716	3690547.454	-0.191	SND
2984	413350.422	3690558.813	-0.637	SND
2985	413361.868	3690567.235	-0.792	SND
2992	413826.966	3690902.591	-0.321	SND
2993	413836.03	3690912.952	-0.287	SND
2994	413837.466	3690914.343	1.249	MR
2995	413854.218	3690921.986	1.493	MR
2996	413871.756	3690932.918	1.554	MR
2997	413891.6254	3690947.442	1.223	MR
15574	413373.3	3690580.3	-0.7	SND
15575	413375.7	3690584.9	-0.8	SND
15576	413378.6	3690588.9	-0.9	SND
15577	413381.9	3690592.6	-0.8	SND
15578	413385.4	3690596.3	-0.9	SND
15579	413389	3690599.8	-0.9	SND
15580	413392.6	3690603.2	-0.9	SND
15581	413396.4	3690606.7	-0.9	SND
15582	413400.3	3690610	-1	SND
15583	413404	3690613.3	-1.1	SND
15584	413407.6	3690616.8	-1.1	SND
15585	413411.2	3690620.4	-1.1	SND
15586	413414.8	3690623.9	-1.1	SND
15587	413418.7	3690627.4	-1.1	SND
15588	413422.6	3690630.6	-1.2	SND
15589	413426.6	3690633.7	-1.2	SND
15590	413431	3690636.6	-1.1	SND
15591	413435.5	3690639	-1.2	SND
15592	413440.3	3690641	-1.2	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-7.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15593	413445	3690642.5	-1.3	SND
15594	413450	3690643.9	-1.4	SND
15595	413454.7	3690645.2	-1.3	SND
15596	413459.4	3690646.5	-1.4	SND
15597	413464.2	3690648	-1.5	SND
15598	413468.8	3690649.8	-1.5	SND
15599	413473.2	3690652.1	-1.5	SND
15600	413477.3	3690654.8	-1.6	SND
15601	413481.9	3690658.8	-1.7	SND
15602	413485.3	3690662.4	-1.9	SND
15603	413488.3	3690666.4	-1.9	SND
15604	413491.1	3690670.5	-2.1	SND
15605	413498.5	3690680	-2.3	SND
15606	413501.9	3690683.5	-3	SND
15607	413505.7	3690686.8	-3.5	SND
15608	413510.1	3690689.8	-3.5	SND
15609	413514.6	3690692	-3.8	SND
15610	413519.5	3690693.8	-3.8	SND
15611	413524.5	3690695.2	-4	SND
15612	413529.4	3690696.3	-4.2	SND
15613	413534.5	3690697.4	-4.5	SND
15614	413539.4	3690698.3	-4.8	SND
15615	413544.3	3690699.3	-5	SND
15616	413549.2	3690700.4	-5.2	SND
15617	413554.1	3690702	-5.7	SND
15618	413558.8	3690704	-6.1	SND
15619	413563.5	3690706.5	-6	SND
15620	413567.7	3690709.3	-6.3	SND
15621	413571.5	3690712.5	-6.4	SND
15622	413575.1	3690716.2	-6.3	SND
15623	413578.3	3690720.2	-6.5	SND
15624	413581.4	3690724.3	-6.6	SND
15625	413584.4	3690728.8	-6.7	SND
15626	413587	3690733.1	-6.6	SND
15627	413589.6	3690737.5	-6.4	SND
15628	413592.3	3690741.8	-6.3	SND
15629	413595.3	3690745.8	-6.3	SND
15630	413598.8	3690749.5	-6.1	SND
15631	413602.8	3690752.8	-5.9	SND
15632	413606.9	3690755.8	-6	SND
15633	413611.3	3690758.7	-5.7	SND
15634	413615.7	3690761.6	-5.4	SND
15635	413619.8	3690764.5	-5	SND
15636	413624.1	3690767.5	-4.5	SND
15637	413628.2	3690770.5	-4.1	SND
15638	413632.3	3690773.4	-4.1	SND
15639	413636.4	3690776.5	-4.6	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-7.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15640	413640.6	3690779.5	-4.5	SND
15641	413644.8	3690782.5	-3.8	SND
15642	413649	3690785.4	-2.6	SND
15643	413653.2	3690788.4	-3.1	SND
15644	413657.4	3690791.4	-3.4	SND
15645	413661.6	3690794.4	-3.3	SND
15646	413665.7	3690797.5	-3	SND
15647	413669.8	3690800.7	-2.1	SND
15648	413673.7	3690803.9	-1.6	SND
15649	413677.9	3690807.3	-1.4	SND
15650	413681.7	3690810.5	-1.2	SND
15651	413685.5	3690813.8	-1.3	SND
15652	413689.3	3690817.1	-1.2	SND
15653	413693.2	3690820.7	-1.4	SND
15654	413696.8	3690824.2	-1.3	SND
15655	413700.5	3690827.9	-1.3	SND
15656	413704.3	3690831.9	-1.2	SND
15657	413707.7	3690835.9	-1.3	SND
15658	413711	3690839.8	-1.2	SND
15659	413714.1	3690843.8	-1.2	SND
15660	413717.2	3690847.9	-1.2	SND
15661	413720.3	3690852.1	-1.1	SND
15662	413723.6	3690856.1	-1.1	SND
15663	413726.8	3690860.1	-1.1	SND
15664	413730.2	3690864	-1	SND
15665	413733.7	3690867.6	-1	SND
15666	413737.4	3690871	-0.9	SND
15667	413741.3	3690874.3	-0.9	SND
15668	413745.5	3690877.5	-0.7	SND
15669	413749.7	3690880.7	-0.8	SND
15670	413753.8	3690883.7	-0.7	SND
15671	413757.9	3690886.8	-0.7	SND
15672	413762	3690889.8	-0.6	SND
15673	413766.6	3690892.6	-0.7	SND
15674	413771.4	3690894.9	-0.6	SND
15675	413776.2	3690896.4	-0.6	SND
15676	413781.3	3690897.2	-0.5	SND
15677	413786.3	3690897.4	-0.5	SND
15678	413791.4	3690897.4	-0.6	SND
15679	413796.4	3690897.6	-0.6	SND
15680	413801.4	3690898.2	-0.5	SND
15681	413806.4	3690898.7	-0.4	SND
15682	413808.9	3690898.9	-0.3	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-8.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2645	413521.3156	3691173.052	1.653	MR
2646	413513.657	3691153.797	1.149	MR
2647	413499.419	3691134.34	1.433	MR
2648	413473.952	3691123.192	1.027	MR
2649	413455.05	3691112.435	1.017	MR
2650	413453.896	3691110.688	0.042	SND
2657	413017.989	3690790.944	-0.326	SND
2658	413006.963	3690769.304	-0.031	SND
2659	413006.079	3690767.41	1.272	MR
2660	412989.982	3690754.309	1.433	MR
2661	412975.563	3690736.951	1.418	MR
2662	412962.81	3690722.188	1.46	MR
2663	412948.861	3690717.25	1.197	MR
2664	412946.167	3690716.024	0.919	SND
2665	412932.323	3690712.442	0.536	SND
2666	412918.866	3690705.668	0.366	SND
2667	412905.676	3690697.362	0.339	SND
2668	412893.365	3690688.926	0.193	SND
2669	412879.285	3690680.776	0.169	SND
2670	412865.503	3690672.371	0.046	SND
2671	412850.626	3690665.041	-0.193	SND
2672	412834.015	3690657.575	-0.309	SND
2673	412816.004	3690648.188	-0.595	SND
2674	412797.706	3690639.008	-0.662	SND
2675	412777.513	3690628.549	-0.548	SND
2676	412757.33	3690617.368	-0.664	SND
2677	412734.141	3690603.038	-0.449	SND
2678	412713.269	3690586.547	-0.887	SND
2679	412694.607	3690570.868	-0.701	SND
2680	412676.353	3690555.718	-0.652	SND
2681	412658.825	3690540.913	-0.636	SND
2683	412628.61	3690511.843	-0.381	SND
2684	412614.364	3690499.287	-0.336	SND
2685	412598.791	3690486.859	-0.286	SND
2686	412581.42	3690474.589	-0.29	SND
2687	412566.114	3690464.333	-0.531	SND
2688	412550.959	3690453.125	-0.878	SND
2998	412645.381	3690525.511	-0.579	SND
3005	412529.947	3690460.952	-0.899	SND
3006	412521.457	3690448.49	-0.953	SND
3007	412513.869	3690434.941	-0.111	SND
3008	412513.37	3690433.483	1.339	MR
3009	412509.58	3690410.944	1.357	MR
3010	412495.904	3690396.436	1.438	MR
3011	412478.804	3690385.337	1.155	MR
3012	412477.611	3690383.07	0.307	SND
3013	412467.967	3690380.359	0.202	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-8.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3014	412452.65	3690364.458	-0.375	SND
3015	412442.155	3690352.975	-0.619	SND
3016	412425.117	3690340.442	-0.503	SND
3017	412409.891	3690327.021	-0.283	SND
3018	412395.244	3690313.563	-0.485	SND
3019	412376.256	3690300.096	-0.269	SND
3020	412359.946	3690291.749	-0.306	SND
3021	412342.265	3690283.189	-0.174	SND
3022	412326.267	3690273.985	-0.199	SND
3023	412310.296	3690266.998	-0.229	SND
3024	412290.306	3690260.699	-0.182	SND
3025	412275.077	3690250.242	0.038	SND
3026	412260.719	3690240.062	-0.309	SND
3027	412245.69	3690230.614	-0.607	SND
3028	412231.401	3690221.425	-0.776	SND
3029	412214.638	3690209.842	-0.631	SND
3030	412197.843	3690198.483	-0.535	SND
3031	412180.863	3690187.261	-0.595	SND
3032	412165.705	3690173.792	-0.786	SND
3033	412150.121	3690160.351	-0.734	SND
3034	412132.326	3690147.353	-1.023	SND
3035	412116.495	3690135.396	-0.845	SND
3036	412100.533	3690122.299	-0.945	SND
3037	412085.182	3690109.324	-0.864	SND
3038	412068.033	3690095.964	-0.801	SND
3039	412050.412	3690083.339	-0.952	SND
3040	412034.222	3690069.634	-1.067	SND
3041	412019.473	3690055.299	-1.039	SND
3042	412004.484	3690040.711	-0.979	SND
3043	411988.643	3690026.426	-0.943	SND
3044	411968.055	3690009.883	-0.888	SND
3045	411947.465	3689998.758	-1.095	SND
3046	411928.233	3689991.038	-1.045	SND
3047	411907.492	3689983.138	-0.94	SND
3048	411886.964	3689975.979	-1.071	SND
3049	411866.566	3689968.693	-0.583	SND
3050	411843.734	3689956.872	-1.031	SND
15683	413438.022	3691103.83	0.1	SND
15684	413429	3691098.5	0	SND
15685	413424.4	3691101.2	-0.1	SND
15686	413418.7	3691103.4	-0.2	SND
15687	413413.5	3691104.8	0	SND
15688	413408.4	3691105.8	-0.1	SND
15689	413402.9	3691106.2	-0.1	SND
15690	413397.7	3691105.7	-0.4	SND
15691	413392.9	3691104.5	-0.3	SND
15692	413388.3	3691102.8	-0.2	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-8.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15693	413383.6	3691100.3	-0.3	SND
15694	413379.6	3691097.3	-0.4	SND
15695	413376.2	3691093.9	-0.3	SND
15696	413373.4	3691089.9	-0.3	SND
15697	413371.6	3691085.4	-0.4	SND
15698	413370.7	3691080.6	-0.5	SND
15699	413369.6	3691075.9	-0.5	SND
15700	413368	3691071	-0.5	SND
15701	413365.5	3691066.7	-0.7	SND
15702	413362.2	3691062.9	-0.7	SND
15703	413358.7	3691059.4	-0.8	SND
15704	413355	3691056	-0.9	SND
15705	413351.4	3691052.5	-0.9	SND
15706	413347.9	3691048.9	-1	SND
15707	413344.6	3691045.1	-1	SND
15708	413341.4	3691041.3	-1	SND
15709	413337.9	3691037.5	-1.3	SND
15710	413334.3	3691033.7	-1.7	SND
15711	413330.5	3691030.3	-2.1	SND
15712	413326.6	3691027.1	-2.5	SND
15713	413322.8	3691023.9	-2.4	SND
15714	413319	3691020.4	-1.8	SND
15715	413315.4	3691016.7	-1.7	SND
15716	413312	3691012.8	-1.7	SND
15717	413308.9	3691008.9	-2.2	SND
15718	413305.8	3691004.9	-2.7	SND
15719	413302.7	3691001	-3.3	SND
15720	413299.5	3690997.1	-3.8	SND
15721	413296	3690993.3	-4.3	SND
15722	413292.4	3690989.8	-4.6	SND
15723	413288.7	3690986.5	-4.8	SND
15724	413284.8	3690983.3	-4.9	SND
15725	413280.9	3690980.2	-5.1	SND
15726	413276.9	3690977.1	-5.1	SND
15727	413272.8	3690973.9	-5	SND
15728	413268.6	3690970.8	-5.7	SND
15729	413264.4	3690967.8	-6.2	SND
15730	413260.2	3690965	-6.3	SND
15731	413255.8	3690962.2	-6.3	SND
15732	413251.4	3690959.5	-6.4	SND
15733	413246.9	3690956.9	-6.5	SND
15734	413242.5	3690954.4	-6.4	SND
15735	413238	3690951.9	-6.4	SND
15736	413233.5	3690949.5	-7	SND
15737	413228.9	3690947.1	-6.6	SND
15738	413224.4	3690944.7	-6.2	SND
15739	413220	3690942.1	-6	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-8.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15741	413211.3	3690936.7	-5.7	SND
15742	413207.1	3690933.8	-5.6	SND
15743	413202.8	3690931	-5.3	SND
15744	413198.6	3690928.1	-4.9	SND
15745	413194.4	3690925.2	-4.6	SND
15746	413190.1	3690922.3	-4.5	SND
15747	413185.8	3690919.3	-4.4	SND
15748	413181.5	3690916.4	-4.2	SND
15749	413177.3	3690913.4	-3.6	SND
15750	413173.1	3690910.3	-3.1	SND
15751	413169	3690907.2	-2.9	SND
15752	413165	3690904	-2.7	SND
15753	413161.1	3690900.8	-2.2	SND
15754	413157.2	3690897.5	-2.1	SND
15755	413153.4	3690894.3	-1.8	SND
15756	413149.3	3690891.1	-1.9	SND
15757	413145.2	3690888	-1.7	SND
15758	413141.1	3690885	-1.6	SND
15759	413137	3690882.1	-1.4	SND
15760	413133	3690879	-1.3	SND
15761	413129.2	3690875.8	-1.3	SND
15762	413125.3	3690872.3	-1.1	SND
15763	413121.5	3690868.8	-0.9	SND
15764	413117.5	3690865.5	-0.8	SND
15765	413113.3	3690862.6	-0.8	SND
15766	413108.9	3690859.9	-0.7	SND
15767	413104.3	3690857.4	-0.6	SND
15768	413099.8	3690854.9	-0.7	SND
15769	413095.5	3690852.3	-0.7	SND
15770	413091.2	3690849.4	-0.5	SND
15771	413087	3690846.3	-0.5	SND
15772	413083.1	3690843.1	-0.4	SND
15773	413079.3	3690839.7	-0.4	SND
15774	413075.7	3690836.2	-0.3	SND
15775	413072.1	3690832.6	-0.4	SND
15776	413068.7	3690829	-0.3	SND
15777	413065	3690825.5	-0.3	SND
15778	413061	3690822.1	-0.3	SND
15779	413056.9	3690819.2	-0.3	SND
15780	413052.5	3690816.4	-0.2	SND
15781	413048	3690814	-0.3	SND
15782	413040.9	3690810.2	-0.2	SND
15783	413036.4	3690807.6	-0.2	SND
15784	413031.8	3690805.2	-0.2	SND
15785	413027	3690803.6	-0.2	SND
15786	413021.8	3690802.9	-0.2	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-9.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2535	411616.51	3690256.615	-1.028	SND
2536	411631.873	3690268.004	-1.13	SND
2537	411649.479	3690280.688	-1.043	SND
2538	411668.67	3690294.41	-0.95	SND
2539	411690.036	3690308.421	-1.253	SND
2540	411705.126	3690319.818	-1.259	SND
2541	411717.306	3690330.313	-1.322	SND
2542	411733.915	3690344.43	-1.224	SND
2543	411747.091	3690354.998	-1.208	SND
2544	411760.802	3690365.774	-1.307	SND
2545	411773.225	3690376.491	-1.304	SND
2546	411786.915	3690388.583	-1.246	SND
2547	411800.662	3690400.123	-1.116	SND
2548	411818.407	3690413.201	-1.085	SND
2549	411832.747	3690423.256	-1.014	SND
2550	411847.577	3690434.332	-1.197	SND
2551	411864.092	3690444.528	-1.098	SND
2552	411879.858	3690452.91	-1.151	SND
2553	411895.018	3690462.249	-1.027	SND
2554	411908.961	3690472.458	-1.172	SND
2555	411921.809	3690482.703	-1.07	SND
2556	411934.051	3690492.947	-1.067	SND
2557	411947.547	3690504.978	-1.125	SND
2558	411960.801	3690518.045	-1.094	SND
2559	411975.969	3690534.028	-0.826	SND
2560	411987.543	3690552.407	-0.331	SND
2561	411991.772	3690554.617	2.07	MR
2562	412013.022	3690571.346	1.353	MR
2563	412014.794	3690570.767	0.276	SND
2564	412037.019	3690577.268	0.106	SND
2565	412058.524	3690587.328	0.406	SND
2566	412060.908	3690588.766	1.243	MR
2567	412084.72	3690602.759	1.647	MR
2568	412102.506	3690615.459	1.674	MR
2569	412120.913	3690632.93	1.66	MR
2570	412139.982	3690655.374	1.538	MR
2571	412143.478	3690658.537	0.229	SND
2572	412157.349	3690666.38	0.201	SND
2580	412300.517	3690786.53	-0.798	SND
2581	412315.376	3690791.147	-0.933	SND
2582	412329.434	3690797.18	-0.904	SND
2583	412340.91	3690803.586	-0.858	SND
2584	412351.763	3690810.869	-0.687	SND
2585	412362.734	3690818.37	-0.533	SND
2586	412373.139	3690825.804	-0.502	SND
2587	412383.992	3690834.593	-0.626	SND
2588	412394.657	3690843.527	-0.822	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-9.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2589	412406.591	3690852.574	-0.596	SND
2590	412422.442	3690860.744	-0.707	SND
2591	412437.849	3690864.823	-0.734	SND
2592	412452.265	3690868.103	-0.874	SND
2593	412465.622	3690874.163	-0.869	SND
2594	412478.383	3690882.688	-0.866	SND
2595	412489.367	3690891.78	-0.792	SND
2596	412501.339	3690902.705	-0.801	SND
2597	412511.734	3690914.356	-0.864	SND
2598	412523.683	3690929.632	-0.715	SND
2599	412535.849	3690944.66	-0.667	SND
2600	412546.933	3690957.469	-0.69	SND
2601	412559.708	3690970.991	-0.601	SND
2602	412572.808	3690981.13	-0.966	SND
2603	412586.517	3690990.056	-1.016	SND
2604	412600.13	3690999.425	-1.054	SND
2605	412616.492	3691010.121	-1.459	SND
2606	412631.229	3691017.976	-1.03	SND
2607	412650.143	3691028.034	-0.467	SND
2608	412653.86	3691029.284	1.198	MR
2609	412673.478	3691037.436	1.662	MR
2610	412694.274	3691048.322	1.539	MR
2611	412710.577	3691057.717	1.499	MR
2612	412720.739	3691061.944	1.63	MR
2613	412734.079	3691067.836	1.613	MR
2614	412751.766	3691077.764	1.549	MR
2615	412761.054	3691098.313	1.59	MR
2616	412770.754	3691112.209	1.745	MR
2617	412776.961	3691124.785	1.259	MR
2618	412777.79	3691125.856	0.15	SND
2619	412782.358	3691133.326	0.24	SND
2620	412783.082	3691135.057	0.633	MR
2621	412794.61	3691145.328	1.264	MR
2622	412808.74	3691158.276	1.656	MR
2623	412826.871	3691167.906	1.696	MR
2624	412840.369	3691175.183	1.736	MR
2625	412857.218	3691179.507	1.387	MR
2626	412859.181	3691178.209	0.004	SND
2627	412868.969	3691176.747	0.179	SND
2628	412882.057	3691186.036	0.188	SND
2629	412891.027	3691195.514	0.138	SND
2630	413608.098	3691738.241	-0.741	SND
2631	413635.645	3691766.404	-0.767	SND
2632	413644.413	3691776.371	-0.959	SND
2633	413657.161	3691788.296	-0.768	SND
2636	413664.749	3691776.434	0.077	SND
2637	413668.471	3691778.449	1.214	MR



TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-9.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2638	413681.99	3691789.042	1.537	MR
2639	413711.934	3691786.11	1.179	MR
2640	413720.608	3691792.993	2.53	MR
2641	413705.798	3691779.925	1.652	MR
2642	413733.874	3691812.71	1.534	MR
2643	413747.866	3691829.283	1.612	MR
2644	413751.267	3691845.85	1.765	MR
5370	412845.561	3691164.384	1.88	MR
5371	412830.212	3691162.211	1.854	MR
5372	412816.371	3691160.956	1.823	MR
5378	412849.3	3691194.6	1.168	MR
5379	412849.212	3691194.604	1.155	MR
5668	412166.596	3690683.507	0.303	SND
5669	412168.83	3690685.141	1.499	MR
5670	412179.922	3690703.77	2.009	MR
5671	412185.947	3690705.305	1.326	MR
5672	412187.473	3690706.537	-0.757	SND
5673	412196.458	3690709.791	-0.892	SND
5674	412207.345	3690710.682	-0.61	SND
5675	412219.397	3690711.974	-0.618	SND
5676	412230.628	3690714.403	-0.442	SND
5677	412240.129	3690717.279	-0.925	SND
5678	412248.13	3690721.421	-0.384	SND
5679	412254.523	3690726.118	-0.98	SND
5680	412260.013	3690730.981	-0.965	SND
5681	412265.033	3690737.594	-0.88	SND
5682	412269.659	3690746.305	-0.618	SND
5683	412277.529	3690761.101	-0.702	SND
5684	412282.587	3690768.426	-0.761	SND
5685	412287.713	3690774.91	-0.591	SND
5686	412294.437	3690781.022	-0.843	SND
5687	412303.249	3690787.457	-0.9	SND
5688	412311.898	3690793.197	-0.859	SND
5689	412320.869	3690798.931	-0.899	SND
15798	412879	3691177.3	0.1	SND
15799	412880.1	3691182.4	0.2	SND
15800	412882.6	3691187.4	0.1	SND
15801	412886.3	3691191.3	0.1	SND
15802	412894.6	3691194.2	0	SND
15803	412899.6	3691194.1	0.1	SND
15804	412904.6	3691193.5	0	SND
15805	412909.6	3691193.8	0.2	SND
15806	412914.3	3691195.5	0.1	SND
15807	412920.2	3691198.5	0.1	SND
15808	412924.1	3691201.6	0	SND
15809	412929.3	3691210	-0.1	SND
15810	412932.6	3691213.9	0	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-9.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15811	412935.8	3691217.8	-0.1	SND
15812	412939.1	3691222.4	0	SND
15813	412942	3691226.5	0.1	SND
15814	412945.5	3691230.3	0.2	SND
15815	412949.4	3691233.4	0.1	SND
15816	412953.6	3691236.2	0.2	SND
15817	412957.8	3691239.1	-0.1	SND
15818	412962	3691241.9	-0.3	SND
15819	412966.3	3691244.8	-0.5	SND
15820	412970.4	3691247.6	-0.6	SND
15821	412974.4	3691250.5	-0.7	SND
15822	412978.4	3691253.9	-0.7	SND
15823	412981.9	3691257.4	-0.9	SND
15824	412984.8	3691261.5	-1	SND
15825	412987.2	3691265.9	-1	SND
15826	412989.6	3691270.1	-1	SND
15827	412992.3	3691274.1	-1.2	SND
15828	412995.6	3691277.8	-1.2	SND
15829	412999	3691281.4	-1.4	SND
15830	413003	3691284.6	-1.6	SND
15831	413007	3691287.5	-2	SND
15832	413011.2	3691290.4	-2.2	SND
15833	413015.1	3691293.5	-2.7	SND
15834	413019.1	3691296.6	-3.3	SND
15835	413023.3	3691299.5	-3.6	SND
15836	413027.5	3691302.3	-4.2	SND
15837	413031.8	3691305.1	-4.2	SND
15838	413035.9	3691307.8	-4.3	SND
15839	413040.1	3691310.4	-4.9	SND
15840	413044.4	3691312.7	-5.3	SND
15841	413048.8	3691315.1	-5.4	SND
15842	413053.1	3691317.7	-5.3	SND
15843	413057.3	3691320.5	-5.8	SND
15844	413061.5	3691323.5	-5.4	SND
15845	413065.6	3691326.4	-5.6	SND
15846	413069.5	3691329.4	-5.7	SND
15847	413073.6	3691332.3	-5.9	SND
15848	413077.7	3691335.2	-5.9	SND
15849	413081.6	3691338.2	-6	SND
15850	413085.3	3691341.5	-6.3	SND
15851	413088.8	3691345.1	-6.3	SND
15852	413092.3	3691348.7	-6.3	SND
15853	413095.8	3691352.3	-6.4	SND
15854	413099.7	3691355.6	-6.3	SND
15855	413103.7	3691358.4	-6.5	SND
15856	413107.9	3691361.2	-6.7	SND
15857	413112.4	3691364.1	-6.9	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-9.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15858	413116.6	3691366.8	-6.7	SND
15859	413120.9	3691369.4	-6.8	SND
15860	413125.3	3691371.7	-7	SND
15861	413129.7	3691374.2	-6.9	SND
15862	413134	3691376.6	-6.8	SND
15863	413138.8	3691379.6	-6.9	SND
15864	413143.2	3691382.3	-6.7	SND
15865	413147.9	3691385.2	-6.1	SND
15866	413152.3	3691387.9	-6.1	SND
15867	413156.6	3691390.7	-6.1	SND
15868	413160.9	3691393.4	-5.9	SND
15869	413165.1	3691396.1	-5.7	SND
15870	413169.3	3691398.8	-5.5	SND
15871	413173.5	3691401.5	-5.5	SND
15872	413177.9	3691404.2	-5.3	SND
15873	413182.1	3691406.9	-5	SND
15874	413186.4	3691409.8	-5.1	SND
15875	413190.7	3691412.8	-5	SND
15876	413194.7	3691416	-4.9	SND
15877	413198.3	3691419.6	-4.9	SND
15878	413201.7	3691423.3	-5.1	SND
15879	413205.4	3691427.1	-5.3	SND
15880	413209.2	3691430.7	-5.3	SND
15881	413213.4	3691434.4	-5.1	SND
15882	413217.6	3691437.5	-4.8	SND
15883	413221.8	3691440.5	-4.5	SND
15884	413225.9	3691443.3	-4.2	SND
15885	413230.1	3691446.2	-4.1	SND
15886	413234.5	3691449	-4.1	SND
15887	413238.7	3691451.6	-3.9	SND
15888	413243.1	3691454.3	-3.8	SND
15889	413247.4	3691457.1	-3.9	SND
15890	413251.5	3691460.1	-3.9	SND
15891	413255.4	3691463.2	-3.9	SND
15892	413259.3	3691466.4	-3.7	SND
15893	413263.2	3691469.5	-3.9	SND
15894	413267.2	3691472.5	-3.8	SND
15895	413271.2	3691475.6	-3.3	SND
15896	413275.3	3691478.8	-2.9	SND
15897	413279.1	3691482.1	-2.6	SND
15898	413282.8	3691485.4	-2.7	SND
15899	413286.6	3691488.9	-2.5	SND
15900	413290.1	3691492.4	-2.8	SND
15901	413293.7	3691496	-2.9	SND
15902	413297.2	3691499.6	-3	SND
15903	413300.7	3691503.3	-2.9	SND
15904	413304.3	3691506.8	-2.9	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-9.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15905	413308	3691510.3	-2.4	SND
15906	413311.6	3691513.7	-2.2	SND
15907	413315.2	3691517.1	-2	SND
15908	413318.7	3691520.6	-2	SND
15909	413322.2	3691524.2	-1.8	SND
15910	413325.6	3691527.8	-1.7	SND
15911	413329	3691531.5	-1.6	SND
15912	413332.6	3691535.2	-1.5	SND
15913	413336.4	3691538.7	-1.3	SND
15914	413340.4	3691541.9	-1.2	SND
15915	413344.6	3691544.8	-1	SND
15916	413348.9	3691547.5	-0.9	SND
15917	413353.3	3691550	-0.9	SND
15918	413357.7	3691552.5	-0.9	SND
15919	413361.9	3691555.2	-0.9	SND
15920	413366.1	3691557.9	-0.9	SND
15921	413370.4	3691560.6	-1	SND
15922	413374.8	3691563.2	-0.8	SND
15923	413379.2	3691565.8	-0.9	SND
15924	413383.6	3691568.3	-0.9	SND
15925	413388	3691570.8	-0.8	SND
15926	413392.3	3691573.3	-0.7	SND
15927	413396.9	3691576	-0.9	SND
15928	413401.3	3691578.6	-0.9	SND
15929	413405.6	3691581.4	-0.8	SND
15930	413409.8	3691584.2	-0.8	SND
15931	413413.9	3691587.1	-0.8	SND
15932	413417.9	3691590	-0.9	SND
15933	413421.7	3691593.1	-0.8	SND
15934	413425.5	3691596.2	-0.9	SND
15935	413429.3	3691599.4	-0.8	SND
15936	413433.6	3691603.1	-0.7	SND
15937	413437.5	3691606.3	-0.8	SND
15938	413441.9	3691609.9	-0.9	SND
15939	413445.8	3691612.9	-0.8	SND
15940	413449.9	3691615.7	-0.8	SND
15941	413454.1	3691618.5	-0.9	SND
15942	413458.5	3691621.2	-0.7	SND
15943	413462.8	3691623.8	-0.7	SND
15944	413467.1	3691626.6	-0.7	SND
15945	413471.3	3691629.4	-0.8	SND
15946	413475.4	3691632.3	-0.8	SND
15947	413479.5	3691635.1	-0.7	SND
15948	413483.7	3691637.7	-0.8	SND
15949	413488.1	3691640.1	-0.7	SND
15950	413494	3691643.1	-0.8	SND
15951	413498.5	3691645.5	-0.7	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-9.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
15952	413502.9	3691648.1	-0.9	SND
15953	413521.8	3691664.6	-0.7	SND
15954	413527.6	3691670.5	-0.8	SND
15955	413530.7	3691674.4	-0.7	SND
15956	413533.5	3691678.7	-0.7	SND
15957	413536.3	3691682.9	-0.7	SND
15958	413539.4	3691686.8	-0.7	SND
15959	413542.8	3691690.4	-0.8	SND
15960	413546.6	3691694.1	-0.6	SND
15961	413550.2	3691697.5	-0.7	SND
15962	413553.9	3691700.9	-0.7	SND
15963	413557.7	3691704	-0.7	SND
15964	413561.7	3691707.1	-0.7	SND
15965	413565.7	3691710	-0.8	SND
15966	413570.1	3691712.5	-0.7	SND
15967	413574.7	3691714.9	-0.8	SND
15968	413579.1	3691717.1	-0.8	SND
15969	413583.6	3691719.4	-0.8	SND
15970	413588.1	3691721.8	-0.9	SND
15971	413592.7	3691724.3	-0.9	SND
15972	413597.5	3691726.9	-0.9	SND
15973	413601.9	3691729.5	-0.7	SND
15974	413606.1	3691732.2	-0.6	SND
15975	413610.3	3691735.2	-0.6	SND
15976	413614.2	3691738.3	-0.6	SND
15977	413624.4	3691751.1	-0.6	SND
15978	413628	3691754.5	-0.8	SND
15979	413632.1	3691757.4	-1	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-10.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2400	413797.512	3692367.192	1.325	MR
2401	413780.786	3692363.108	1.53	MR
2402	413764.553	3692352.609	1.298	MR
2403	413762.145	3692351.295	0.602	SND
2404	413742.757	3692335.811	0.431	SND
2405	413740.515	3692334.292	0.928	MR
2406	413733.004	3692330.399	1.232	MR
2407	413730.95	3692328.808	-0.069	SND
2408	413724.244	3692325.323	-0.009	SND
2409	413711.906	3692319.541	-0.75	SND
2410	413699.692	3692313.565	-0.837	SND
2415	413322.05	3692048.461	-0.052	SND
2416	413307.775	3692033.558	0.188	SND
2417	413298.956	3692012.576	0.379	SND
2418	413287.79	3691996.312	0.113	SND
2419	413267.206	3691972.617	0.546	SND
2420	413264.788	3691972.203	1.467	MR
2421	413244.608	3691969.776	1.855	MR
2422	413228.495	3691958.647	1.578	MR
2423	413212.476	3691941.719	1.43	MR
2424	413196.907	3691925.194	1.545	MR
2425	413176.854	3691905.693	1.287	MR
2426	413165.858	3691898.493	1.191	MR
2427	413164.588	3691896.982	-0.114	SND
2428	413154.849	3691890.573	-0.039	SND
2429	413136.546	3691874.22	0.11	SND
2430	413122.435	3691861.236	-0.279	SND
2431	413106.524	3691847.098	-0.108	SND
2432	413091.897	3691832.581	-0.198	SND
2433	413071.398	3691814.524	-0.069	SND
2434	413047.259	3691800.318	-0.282	SND
2435	413018.511	3691781.102	-0.233	SND
2436	413003.378	3691768.565	-0.316	SND
2437	412988.21	3691757.459	-0.478	SND
2438	412971.952	3691746.897	-0.266	SND
2439	412960.611	3691737.819	-0.315	SND
2440	412947.36	3691727.579	-0.437	SND
2441	412936.241	3691718.332	-0.395	SND
2442	412925.132	3691707.315	-0.453	SND
2443	412913.267	3691695.646	-0.446	SND
2444	412897.306	3691681.289	-0.53	SND
2502	411836.737	3690881.364	-0.509	SND
2503	411813.786	3690868.275	-0.637	SND
2504	411792.011	3690857.045	-0.698	SND
2505	411771.404	3690843.111	-0.876	SND
2506	411749.162	3690828.339	-0.981	SND
2507	411724.235	3690815.25	-0.779	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-10.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2508	411695.696	3690802.21	-0.89	SND
2509	411672.905	3690790.435	-0.865	SND
2510	411647.373	3690778.702	-1.125	SND
2511	411621.362	3690770.654	-0.78	SND
2512	411596.339	3690757.716	-0.603	SND
2513	411574.785	3690735.989	-0.705	SND
2514	411562.545	3690726.132	-0.658	SND
2515	411546.734	3690713.094	-0.665	SND
2516	411532.401	3690696.037	-0.481	SND
2517	411520.305	3690680.844	-0.467	SND
2518	411505.228	3690667.703	-0.41	SND
2519	411488.426	3690653.565	-0.575	SND
2520	411470.112	3690639.723	-0.628	SND
2521	411450.282	3690627.937	-0.782	SND
2522	411429.843	3690616.844	-0.896	SND
2523	411411.488	3690605.669	-0.786	SND
2524	411388.931	3690589.883	-0.699	SND
2525	411371.275	3690580.765	-0.369	SND
15981	413349.6	3692025.3	-0.1	SND
15982	413351.8	3692039.7	-0.1	SND
15983	413354.6	3692045.5	-0.2	SND
15984	413359.2	3692050.8	-0.2	SND
15985	413363.1	3692054.1	-0.2	SND
15986	413367.2	3692057.1	-0.2	SND
15987	413372.7	3692059.6	-0.2	SND
15988	413377.6	3692060.5	-0.2	SND
15989	413383	3692060.9	-0.3	SND
15990	413388	3692061.2	-0.4	SND
15991	413392.6	3692062.5	-0.5	SND
15992	413396	3692065.9	-0.5	SND
15993	413398.9	3692070	-0.7	SND
15994	413402.2	3692073.8	-0.9	SND
15995	413404.9	3692078	-0.9	SND
15996	413407.3	3692082.4	-1.1	SND
15997	413410.3	3692086.3	-1.2	SND
15998	413413.9	3692089.5	-1.4	SND
15999	413418	3692092.3	-1.4	SND
16000	413422.2	3692095.2	-1.7	SND
16001	413426.4	3692098	-2	SND
16002	413430.8	3692100.6	-2.3	SND
16003	413435.3	3692102.9	-2.9	SND
16004	413439.8	3692104.9	-3.4	SND
16005	413444.4	3692107	-3.8	SND
16006	413448.9	3692109.2	-4.3	SND
16007	413453.2	3692111.6	-4.7	SND
16008	413457.5	3692114.3	-5.1	SND
16009	413461.7	3692116.9	-5.8	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-10.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16010	413466	3692119.7	-6.4	SND
16011	413470.1	3692122.6	-6.3	SND
16012	413474	3692125.6	-5.2	SND
16013	413477.5	3692129.1	-6.5	SND
16014	413480.9	3692132.7	-6.7	SND
16015	413484.6	3692136.2	-6.6	SND
16016	413488.4	3692139.5	-6.6	SND
16017	413492	3692143	-6.6	SND
16018	413495.3	3692146.6	-6.6	SND
16019	413498.6	3692150.3	-6.9	SND
16020	413502.2	3692153.9	-7.1	SND
16021	413506.2	3692157	-7	SND
16022	413510.7	3692159.3	-6.8	SND
16023	413515.3	3692161.3	-6.6	SND
16024	413520	3692163.2	-6.5	SND
16025	413524.9	3692165.2	-6.5	SND
16026	413529.6	3692167	-6.6	SND
16027	413534.3	3692169	-6.4	SND
16028	413538.7	3692171.3	-6.5	SND
16029	413542.8	3692174.4	-6.7	SND
16030	413546.3	3692178	-6.9	SND
16031	413549.2	3692182.1	-6.6	SND
16032	413551.9	3692186.4	-6.4	SND
16033	413554	3692190.9	-6	SND
16034	413555.7	3692195.7	-5.7	SND
16035	413557.3	3692200.4	-5.3	SND
16036	413559.2	3692205.1	-4.9	SND
16037	413561.7	3692209.6	-4.5	SND
16038	413564.6	3692213.6	-4.5	SND
16039	413568	3692217.3	-4.7	SND
16040	413571.8	3692220.7	-4.8	SND
16041	413575.8	3692223.7	-4.5	SND
16042	413580	3692226.5	-4.5	SND
16043	413584.4	3692228.8	-4	SND
16044	413589.1	3692230.7	-3.1	SND
16045	413593.9	3692232	-3.2	SND
16046	413598.9	3692233.1	-2.9	SND
16047	413604	3692234.2	-2.1	SND
16048	413608.8	3692235.3	-1.7	SND
16049	413613.5	3692236.7	-1.4	SND
16050	413618.1	3692238.6	-1.3	SND
16051	413622.5	3692241	-1.2	SND
16052	413626.5	3692244.1	-1	SND
16053	413629.8	3692247.9	-1.1	SND
16054	413632.4	3692252.1	-1	SND
16055	413635	3692256.4	-0.9	SND
16056	413637.5	3692260.7	-0.8	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-10.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16057	413640.3	3692265.1	-0.7	SND
16058	413643.4	3692269.6	-0.8	SND
16059	413646.2	3692273.8	-0.8	SND
16060	413649.4	3692277.9	-0.7	SND
16061	413653.1	3692281.4	-0.7	SND
16062	413657.1	3692284.3	-0.7	SND
16063	413661.2	3692287.3	-0.8	SND
16064	413664.8	3692290.7	-0.8	SND
16065	413667.3	3692295.3	-0.7	SND
16066	413668.7	3692300.2	-0.7	SND
16067	413670.2	3692304.9	-0.7	SND
16068	413672.6	3692309.4	-0.8	SND
16069	413676	3692313	-0.8	SND
16070	413680.1	3692315.9	-0.8	SND
16071	413684.4	3692318.7	-0.9	SND
16072	413688.6	3692321.7	-0.9	SND
17578	411811.6	3690930.9	-0.6	SND
17579	411815.7	3690933.4	-0.6	SND
17580	411819.4	3690936.6	-0.6	SND
17581	411823.2	3690939.7	-0.6	SND
17582	411827.2	3690942.7	-0.6	SND
17583	411831.2	3690945.6	-0.6	SND
17584	411835.2	3690948.6	-0.6	SND
17585	411839.4	3690951.6	-0.6	SND
17586	411843.4	3690954.6	-0.5	SND
17587	411847.6	3690957.4	-0.6	SND
17588	411851.9	3690960	-0.5	SND
17589	411856.3	3690962.5	-0.6	SND
17590	411861	3690965	-0.5	SND
17591	411865.5	3690967.4	-0.6	SND
17592	411870	3690969.8	-0.6	SND
17593	411874.5	3690972.1	-0.6	SND
17594	411878.9	3690974.5	-0.6	SND
17595	411883.2	3690976.9	-0.6	SND
17596	411887.5	3690979.4	-0.6	SND
17597	411891.7	3690982.1	-0.7	SND
17598	411895.8	3690984.9	-0.7	SND
17599	411900.1	3690987.8	-0.7	SND
17600	411904.4	3690990.6	-0.7	SND
17601	411908.7	3690993.4	-0.7	SND
17602	411912.9	3690996.1	-0.7	SND
17603	411917.1	3690998.8	-0.6	SND
17604	411921.3	3691001.5	-0.7	SND
17605	411925.5	3691004.3	-0.6	SND
17606	411929.7	3691007.1	-0.7	SND
17607	411933.8	3691009.9	-0.6	SND
17608	411937.9	3691012.9	-0.7	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-10.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17609	411941.9	3691016	-0.7	SND
17610	411945.7	3691019.2	-0.8	SND
17611	411949.5	3691022.5	-0.7	SND
17612	411953.2	3691025.9	-0.7	SND
17613	411956.8	3691029.3	-0.7	SND
17614	411960.3	3691032.9	-0.7	SND
17615	411963.9	3691036.5	-0.8	SND
17616	411967.5	3691040.1	-0.7	SND
17617	411971	3691043.5	-0.7	SND
17618	411974.7	3691046.8	-0.8	SND
17619	411978.4	3691050.2	-0.8	SND
17620	411982.2	3691053.4	-0.8	SND
17621	411986.1	3691056.5	-0.7	SND
17622	411990.1	3691059.6	-0.7	SND
17623	411994	3691062.7	-0.7	SND
17624	411998.1	3691065.8	-0.7	SND
17625	412002.1	3691068.9	-0.7	SND
17626	412006.2	3691071.7	-0.7	SND
17627	412010.8	3691074.2	-0.7	SND
17628	412015.4	3691076.3	-0.7	SND
17629	412020.1	3691078.2	-0.8	SND
17630	412024.9	3691079.7	-0.7	SND
17631	412029.8	3691081	-0.7	SND
17632	412034.7	3691082	-0.7	SND
17633	412039.6	3691082.8	-0.7	SND
17634	412044.9	3691083.5	-0.7	SND
17635	412049.9	3691083.9	-0.7	SND
17636	412054.8	3691084.5	-0.7	SND
17637	412059.6	3691085.4	-0.8	SND
17638	412064.3	3691087	-0.8	SND
17639	412068.7	3691089.3	-0.7	SND
17640	412072.8	3691092	-0.7	SND
17641	412076.8	3691095	-0.7	SND
17642	412080.8	3691098	-0.7	SND
17643	412084.8	3691101.3	-0.7	SND
17644	412088.6	3691104.5	-0.7	SND
17645	412092.4	3691107.7	-0.6	SND
17646	412096.3	3691111.2	-0.6	SND
17647	412100.1	3691114.6	-0.7	SND
17648	412104	3691117.8	-0.5	SND
17649	412108	3691120.9	-0.5	SND
17650	412112.2	3691124.1	-0.7	SND
17651	412116.4	3691127.1	-0.6	SND
17652	412122	3691131.2	-0.6	SND
17653	412126	3691134.2	-0.6	SND
17654	412130	3691137.3	-0.6	SND
17655	412133.9	3691140.4	-0.6	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-10.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17656	412138.6	3691144	-0.5	SND
17657	412142.6	3691147.1	-0.6	SND
17658	412146.5	3691150.2	-0.6	SND
17659	412150.6	3691153.4	-0.7	SND
17660	412154.5	3691156.6	-0.7	SND
17661	412158.4	3691159.8	-0.8	SND
17662	412162.4	3691162.9	-0.6	SND
17663	412166.6	3691166.1	-0.7	SND
17664	412170.7	3691169.1	-0.8	SND
17665	412175	3691172	-0.7	SND
17666	412179.1	3691174.7	-0.8	SND
17667	412183.2	3691177.5	-0.7	SND
17668	412187.5	3691180.2	-0.7	SND
17669	412191.9	3691182.9	-0.7	SND
17670	412196.3	3691185.4	-0.7	SND
17671	412200.6	3691187.8	-0.6	SND
17672	412205	3691190.1	-0.6	SND
17673	412209.6	3691192.4	-0.7	SND
17674	412214.1	3691194.7	-0.6	SND
17675	412218.5	3691196.9	-0.7	SND
17676	412223	3691199	-0.7	SND
17677	412227.5	3691201.1	-0.7	SND
17678	412232.1	3691203.3	-0.7	SND
17679	412236.6	3691205.7	-0.6	SND
17680	412240.9	3691208.5	-0.8	SND
17681	412245	3691211.5	-0.7	SND
17682	412249.3	3691214.7	-0.7	SND
17683	412253.3	3691217.6	-0.7	SND
17684	412257.5	3691220.5	-0.6	SND
17685	412261.6	3691223.3	-0.7	SND
17686	412265.8	3691226.3	-0.5	SND
17687	412269.8	3691229.5	-0.5	SND
17688	412273.9	3691233.4	-0.4	SND
17689	412277.7	3691237.5	-0.5	SND
17690	412281.3	3691241.4	-0.4	SND
17691	412284.8	3691245	-0.6	SND
17692	412288.4	3691248.6	-0.5	SND
17693	412292	3691252	-0.6	SND
17694	412295.6	3691255.5	-0.6	SND
17695	412299.4	3691259.1	-0.5	SND
17696	412303.2	3691262.8	-0.3	SND
17697	412306.9	3691266.2	-0.3	SND
17698	412310.6	3691269.6	-0.4	SND
17699	412314.3	3691272.9	-0.3	SND
17700	412318	3691276.2	-0.3	SND
17701	412321.6	3691279.7	-0.3	SND
17702	412325.1	3691283.4	-0.4	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-10.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17703	412328.5	3691287.1	-0.4	SND
17704	412331.8	3691290.8	-0.4	SND
17705	412335	3691294.6	-0.4	SND
17706	412338.1	3691298.4	-0.3	SND
17707	412341.1	3691302.3	-0.4	SND
17708	412344.1	3691306.4	-0.4	SND
17709	412347.2	3691310.3	-0.4	SND
17710	412350.4	3691314.2	-0.4	SND
17711	412353.8	3691317.7	-0.4	SND
17712	412357.4	3691321.1	-0.3	SND
17713	412361.1	3691324.7	-0.3	SND
17714	412364.7	3691328.2	-0.4	SND
17715	412368.3	3691331.6	-0.4	SND
17716	412372	3691334.9	-0.3	SND
17717	412375.9	3691338.1	-0.4	SND
17718	412379.9	3691341.1	-0.4	SND
17719	412383.8	3691344.2	-0.3	SND
17720	412387.6	3691347.3	-0.4	SND
17721	412391.5	3691350.5	-0.4	SND
17722	412395.4	3691353.6	-0.3	SND
17723	412399.2	3691356.7	-0.3	SND
17724	412403.2	3691359.6	-0.4	SND
17725	412407.4	3691362.3	-0.3	SND
17726	412411.6	3691365	-0.3	SND
17727	412415.9	3691367.5	-0.3	SND
17728	412420.4	3691369.9	-0.2	SND
17729	412424.8	3691372.2	-0.3	SND
17730	412429.2	3691374.5	-0.3	SND
17731	412433.7	3691376.8	-0.3	SND
17732	412437.9	3691379.3	-0.3	SND
17733	412442.1	3691382	-0.4	SND
17734	412446.3	3691384.7	-0.4	SND
17735	412450.4	3691387.5	-0.5	SND
17736	412454.5	3691390.2	-0.4	SND
17737	412458.5	3691393	-0.5	SND
17738	412462.5	3691395.9	-0.4	SND
17739	412466.8	3691399	-0.4	SND
17740	412470.9	3691402	-0.4	SND
17741	412475	3691404.9	-0.4	SND
17742	412479.6	3691408.2	-0.4	SND
17743	412483.7	3691411.1	-0.6	SND
17744	412487.8	3691413.9	-0.6	SND
17745	412491.9	3691416.8	-0.6	SND
17746	412496	3691419.6	-0.6	SND
17747	412500.2	3691422.5	-0.7	SND
17748	412504.3	3691425.3	-0.6	SND
17749	412508.4	3691428.1	-0.6	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-10.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17750	412512.4	3691430.9	-0.5	SND
17751	412516.4	3691433.8	-0.6	SND
17752	412520.4	3691436.7	-0.6	SND
17753	412524.6	3691439.5	-0.6	SND
17754	412528.8	3691442.3	-0.5	SND
17755	412533.1	3691444.9	-0.5	SND
17756	412537.3	3691447.5	-0.5	SND
17757	412541.5	3691450	-0.6	SND
17758	412545.7	3691452.6	-0.6	SND
17759	412550	3691455.2	-0.5	SND
17760	412554.2	3691457.9	-0.6	SND
17761	412558.3	3691460.6	-0.6	SND
17762	412562.5	3691463.3	-0.6	SND
17763	412566.7	3691466.1	-0.6	SND
17764	412570.8	3691468.9	-0.6	SND
17765	412574.9	3691471.8	-0.7	SND
17766	412578.9	3691474.7	-0.6	SND
17767	412582.9	3691477.7	-0.6	SND
17768	412586.9	3691480.7	-0.6	SND
17769	412590.8	3691483.8	-0.5	SND
17770	412594.8	3691486.9	-0.6	SND
17771	412598.6	3691490.1	-0.6	SND
17772	412602.4	3691493.4	-0.6	SND
17773	412606	3691496.8	-0.7	SND
17774	412609.6	3691500.3	-0.6	SND
17775	412613.2	3691504	-0.6	SND
17776	412616.6	3691507.6	-0.7	SND
17777	412619.9	3691511.4	-0.5	SND
17778	412623	3691515.2	-0.7	SND
17779	412626	3691519.1	-0.6	SND
17780	412628.9	3691523.1	-0.6	SND
17781	412632	3691527.3	-0.5	SND
17782	412635.2	3691531.2	-0.6	SND
17783	412638.6	3691534.9	-0.5	SND
17784	412642.1	3691538.4	-0.5	SND
17785	412645.6	3691541.9	-0.5	SND
17786	412649.2	3691545.3	-0.6	SND
17787	412652.8	3691548.6	-0.6	SND
17788	412656.5	3691552	-0.6	SND
17789	412660.3	3691555.2	-0.5	SND
17790	412664.1	3691558.4	-0.5	SND
17791	412668	3691561.6	-0.5	SND
17792	412671.9	3691564.6	-0.5	SND
17793	412675.9	3691567.7	-0.5	SND
17794	412680.1	3691570.6	-0.5	SND
17795	412684.2	3691573.4	-0.5	SND
17796	412688.3	3691576.2	-0.5	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-10.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17797	412692.4	3691579	-0.5	SND
17798	412696.6	3691581.9	-0.4	SND
17799	412700.7	3691584.7	-0.4	SND
17800	412704.8	3691587.6	-0.5	SND
17801	412708.8	3691590.5	-0.5	SND
17802	412712.8	3691593.4	-0.5	SND
17803	412716.9	3691596.4	-0.4	SND
17804	412720.8	3691599.4	-0.5	SND
17805	412725	3691602.5	-0.6	SND
17806	412729	3691605.6	-0.5	SND
17807	412733	3691608.8	-0.5	SND
17808	412736.8	3691612	-0.4	SND
17809	412740.6	3691615.1	-0.4	SND
17810	412744.4	3691618.5	-0.5	SND
17811	412748.1	3691621.9	-0.5	SND
17812	412751.8	3691625.2	-0.4	SND
17813	412755.8	3691628.2	-0.5	SND
17814	412759.9	3691630.9	-0.5	SND
17815	412764.3	3691633.5	-0.6	SND
17816	412768.6	3691635.8	-0.5	SND
17817	412773.1	3691638.1	-0.4	SND
17818	412777.5	3691640.3	-0.5	SND
17819	412781.7	3691642.7	-0.4	SND
17820	412786	3691645.5	-0.4	SND
17821	412789.9	3691648.5	-0.4	SND
17822	412793.8	3691651.7	-0.4	SND
17823	412797.5	3691655	-0.4	SND
17824	412801.2	3691658.3	-0.4	SND
17825	412804.9	3691661.6	-0.4	SND
17826	412808.8	3691665	-0.5	SND
17827	412812.6	3691668.2	-0.4	SND
17828	412816.4	3691671.4	-0.5	SND
17829	412820.2	3691674.6	-0.4	SND
17830	412824	3691677.8	-0.4	SND
17831	412827.8	3691681.1	-0.5	SND
17832	412831.6	3691684.4	-0.5	SND
17833	412835.4	3691687.7	-0.5	SND
17834	412839.3	3691690.8	-0.5	SND
17835	412843.3	3691693.9	-0.5	SND
17836	412847.4	3691697	-0.4	SND
17837	412852.7	3691700.5	-0.3	SND
17838	412857.2	3691703.1	-0.4	SND
17839	412861.7	3691705.5	-0.4	SND
17840	412866.1	3691707.8	-0.4	SND
17841	412870.7	3691710.1	-0.4	SND

TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-11.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2291	411145.787	3690878.155	-0.674	SND
2292	411154.155	3690883.059	-0.631	SND
2293	411162.746	3690887.839	-0.571	SND
2294	411178.293	3690895.999	-0.725	SND
2295	411191.999	3690909.203	-0.587	SND
2296	411203.929	3690923.823	-0.683	SND
2297	411214.072	3690934.774	-0.737	SND
2298	411224.29	3690944.808	-0.993	SND
2299	411234.727	3690954.783	-0.961	SND
2300	411245.299	3690966.034	-0.63	SND
2301	411255.223	3690977.915	-1.098	SND
2302	411265.317	3690988.33	-1.189	SND
2303	411276.205	3690998.676	-1.298	SND
2304	411286.839	3691008.677	-1.382	SND
2305	411298.113	3691018.652	-1.135	SND
2306	411309.806	3691027.459	-1.484	SND
2307	411326.022	3691038.162	-1.454	SND
2308	411337.511	3691043.96	-1.555	SND
2309	411350.018	3691050.7	-1.675	SND
2310	411361.326	3691058.461	-1.695	SND
2311	411372.052	3691067.1	-1.615	SND
2312	411382.351	3691076.245	-1.54	SND
2313	411391.825	3691083.839	-1.373	SND
2314	411402.816	3691093.102	-1.276	SND
2315	411412.148	3691101.556	-1.099	SND
2316	411424.982	3691114.638	-0.761	SND
2317	411436.488	3691124.166	-0.547	SND
2318	411449.312	3691132.205	-0.398	SND
2319	411460.93	3691140.192	-0.439	SND
2320	411474.078	3691150.016	-0.412	SND
2321	411486.085	3691159.848	-0.32	SND
2322	411506.059	3691180.518	-0.237	SND
2323	411507.984	3691181.299	1.5	MR
2324	411521.872	3691196.718	1.569	MR
2325	411528.031	3691215.507	1.531	MR
2326	411549.03	3691224.127	1.612	MR
2327	411572.027	3691230.346	1.51	MR
2328	411589.42	3691244.303	1.698	MR
2329	411599.659	3691255.9	1.899	MR
2330	411615.55	3691265.078	1.682	MR
2331	411632.381	3691275.15	1.693	MR
2332	411645.128	3691283.268	1.22	MR
2333	411647.636	3691285.189	0.439	SND
2334	411666.141	3691295.491	0.635	SND
2335	411679.58	3691303.449	0.48	SND
2336	411701.065	3691324.301	0.451	SND
2337	411702.691	3691326.399	1.418	MR



TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-11.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2338	411717.742	3691336.633	1.182	MR
2339	411729.982	3691347.578	1.591	MR
2340	411732.682	3691349.669	-0.203	SND
2341	411742.018	3691361.003	0.307	SND
2342	411753.254	3691370.134	-0.674	SND
2343	411762.556	3691377.62	-1.072	SND
2344	411774.102	3691387.555	-0.89	SND
2345	411782.467	3691395.56	-0.905	SND
2346	411793.311	3691401.991	-0.894	SND
2347	411801.949	3691407.222	-0.864	SND
2348	411819.039	3691414.201	-0.914	SND
2349	411836.206	3691422.914	-1.062	SND
2350	411846.563	3691428.905	-0.967	SND
2351	411856.379	3691434.553	-0.833	SND
2352	411870.088	3691442.265	-0.796	SND
2353	411882.679	3691451.296	-0.74	SND
2357	412897.227	3692207.315	-0.915	SND
2358	412911.625	3692212.118	-1.009	SND
2359	412926.074	3692218.788	-0.935	SND
2360	412940.05	3692224.614	-0.933	SND
2361	412953.891	3692230.957	-0.568	SND
2365	413023.506	3692267.648	0.304	SND
2366	413024.981	3692270.892	1.206	MR
2367	413030.832	3692282.89	1.681	MR
2368	413032.821	3692285.986	-0.431	SND
2369	413038.269	3692293.596	-1.245	SND
2370	413041.713	3692301.969	-0.252	SND
2371	413049.713	3692317.961	-1.164	SND
2372	413057.466	3692332.471	-0.98	SND
2373	413067.161	3692344.147	-1.221	SND
2374	413075.839	3692353.085	-1.12	SND
2385	413181.243	3692409.289	-1.271	SND
2393	413479.195	3692630.138	-0.777	SND
2394	413488.668	3692640.737	-0.52	SND
2395	413501.272	3692657.444	-0.127	SND
2396	413502.995	3692659.328	1.383	MR
2397	413513.951	3692670.948	1.581	MR
2398	413527.862	3692682.127	1.354	MR
2399	413539.8242	3692695.346	1.66	MR
5662	413010.267	3692279.044	1.831	MR
5663	412996.072	3692266.201	1.789	MR
5664	412994.975	3692265.365	0.013	SND
5665	412988.094	3692262.911	-0.438	SND
5666	412976.12	3692253.159	-0.536	SND
5667	412954.715	3692230.29	-0.654	SND
16073	413488.1	3692626.9	-0.8	SND
16074	413483.2	3692627.5	-0.6	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-11.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16075	413478.1	3692627.1	-0.6	SND
16076	413473.3	3692626.1	-0.7	SND
16077	413468.6	3692624.6	-0.7	SND
16078	413464.3	3692622.3	-0.8	SND
16079	413460.5	3692619.1	-0.8	SND
16080	413457.2	3692615.1	-0.8	SND
16081	413455.1	3692610.6	-0.9	SND
16082	413453.7	3692605.8	-0.9	SND
16083	413451.8	3692601.3	-1.1	SND
16084	413449.2	3692597.1	-1.3	SND
16085	413446	3692593.3	-1.2	SND
16086	413442.3	3692589.8	-1	SND
16087	413438.5	3692586.6	-1.1	SND
16088	413434.2	3692583.5	-1.2	SND
16089	413430.3	3692580.5	-1.4	SND
16090	413426.6	3692577.2	-1.4	SND
16091	413422.8	3692573.8	-1.4	SND
16092	413419	3692570.2	-1.7	SND
16093	413415	3692566.9	-1.6	SND
16094	413411.1	3692563.8	-1.7	SND
16095	413407.2	3692560.6	-1.8	SND
16096	413403.4	3692557.4	-1.9	SND
16097	413399.5	3692554.3	-2.2	SND
16098	413395.4	3692551.4	-2.3	SND
16099	413391.2	3692548.5	-2.5	SND
16100	413386.8	3692545.9	-2.9	SND
16101	413382.5	3692543.5	-3.4	SND
16102	413378.1	3692541.2	-4.3	SND
16103	413373.7	3692538.9	-4.2	SND
16104	413369.3	3692536.5	-4.2	SND
16105	413365	3692533.9	-4.2	SND
16106	413360.8	3692531.1	-4.4	SND
16107	413356.6	3692528.1	-4.4	SND
16108	413352.5	3692525.2	-4.6	SND
16109	413348.4	3692522.4	-4.7	SND
16110	413344.1	3692519.4	-5	SND
16111	413339.9	3692516.4	-5	SND
16112	413335.8	3692513.3	-4.9	SND
16113	413331.7	3692510.4	-5.1	SND
16114	413327.4	3692507.4	-5.2	SND
16115	413323.2	3692504.5	-5.3	SND
16116	413319	3692501.6	-5.4	SND
16117	413314.9	3692498.6	-5.4	SND
16118	413310	3692495.2	-5.6	SND
16119	413305.7	3692492.2	-5.5	SND
16120	413301.5	3692489.3	-5.8	SND
16121	413297.4	3692486.4	-5.6	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-11.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16122	413293.1	3692483.5	-5.4	SND
16123	413288.9	3692480.7	-5.5	SND
16124	413284.9	3692477.8	-5	SND
16125	413280.7	3692474.7	-4.7	SND
16126	413276.7	3692471.7	-4.8	SND
16127	413272.5	3692468.8	-4.7	SND
16128	413268.4	3692466	-4.5	SND
16129	413264.3	3692463.1	-3.9	SND
16130	413260.3	3692460	-3.5	SND
16131	413256.4	3692456.8	-3.3	SND
16132	413252.5	3692453.4	-2.8	SND
16133	413248.7	3692449.9	-2.3	SND
16134	413245.1	3692446.6	-2	SND
16135	413241.3	3692443.4	-1.6	SND
16136	413237.6	3692440	-1.4	SND
16137	413233.8	3692436.6	-1.3	SND
16138	413230.3	3692433	-1.1	SND
16139	413226.4	3692429.7	-1	SND
16140	413222.1	3692426.8	-0.8	SND
16141	413217.6	3692424.5	-0.8	SND
16142	413212.9	3692422.5	-0.8	SND
16143	413208.2	3692420.6	-0.8	SND
16144	413203.2	3692418.6	-0.8	SND
16145	413198.4	3692416.7	-0.8	SND
16146	413193	3692414.4	-0.7	SND
16147	413188.4	3692412.5	-1	SND
16148	413183.8	3692410.6	-1.1	SND
16149	413179.3	3692408.3	-1.1	SND
16150	413174.9	3692405.8	-1.1	SND
16151	413170.8	3692403	-1.1	SND
16152	413166.7	3692400	-1	SND
16153	413162.8	3692396.9	-1.1	SND
16154	413159	3692393.3	-1	SND
16155	413155.6	3692389.6	-0.9	SND
16156	413152.4	3692385.8	-1.1	SND
16157	413149.6	3692381.8	-1.1	SND
16158	413145.9	3692376.7	-1.1	SND
16159	413142.1	3692373.5	-1.2	SND
16160	413137.8	3692370.9	-1.2	SND
16161	413133.2	3692368.8	-1.1	SND
16162	413128.6	3692366.7	-1.1	SND
16163	413124.1	3692364.3	-1	SND
16164	413117.4	3692360.8	-1.1	SND
16165	413112.8	3692358.7	-1.1	SND
16166	413108.4	3692356.6	-1.1	SND
16167	413104	3692354.3	-1.1	SND
16168	413099.9	3692351.5	-1.3	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-11.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16169	413096.4	3692348	-1.1	SND
16170	413093	3692343.8	-1.1	SND
17325	412888.1	3692201.2	-0.9	SND
17326	412886.6	3692196.5	-0.9	SND
17327	412884.5	3692191.8	-1	SND
17328	412881.7	3692187.2	-0.8	SND
17329	412878.7	3692183.2	-0.9	SND
17330	412875.4	3692179.4	-0.9	SND
17331	412871.7	3692175.8	-0.9	SND
17332	412867.9	3692172.5	-0.9	SND
17333	412863.9	3692169.4	-0.9	SND
17334	412860.1	3692166.1	-1	SND
17335	412856.5	3692162.6	-1.1	SND
17336	412853.2	3692158.9	-1	SND
17337	412849.9	3692155.2	-0.9	SND
17338	412846.4	3692151.6	-1	SND
17339	412842.8	3692148.3	-1	SND
17340	412838.7	3692145.1	-1	SND
17341	412834.6	3692142.2	-1	SND
17342	412830.4	3692139.4	-1	SND
17343	412826.2	3692136.8	-1	SND
17344	412822	3692134	-1	SND
17345	412817.8	3692131.3	-1	SND
17346	412813.7	3692128.5	-1	SND
17347	412809.6	3692125.6	-1	SND
17348	412805.7	3692122.5	-1	SND
17349	412802	3692119.3	-0.9	SND
17350	412798.4	3692115.8	-1	SND
17351	412795	3692112.3	-1	SND
17352	412791.5	3692108.3	-1	SND
17353	412788.3	3692104.4	-1	SND
17354	412785.1	3692100.7	-0.9	SND
17355	412781.7	3692096.9	-1	SND
17356	412778.2	3692093.2	-1	SND
17357	412774.5	3692089.7	-0.9	SND
17358	412770.7	3692086.6	-0.9	SND
17359	412766.7	3692083.6	-1	SND
17360	412762.5	3692080.7	-0.9	SND
17361	412758.3	3692077.9	-0.9	SND
17362	412754.2	3692075.1	-0.9	SND
17363	412750.1	3692072.3	-0.9	SND
17364	412746	3692069.5	-0.9	SND
17365	412741.9	3692066.6	-1	SND
17366	412737.8	3692063.6	-1.1	SND
17367	412733.9	3692060.4	-1	SND
17368	412730.2	3692057.1	-1	SND
17369	412726.3	3692053.5	-0.9	SND

# TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-11.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17370	412722.8	3692049.9	-1	SND
17371	412719.2	3692046.2	-1	SND
17372	412715.8	3692042.6	-1	SND
17373	412712.4	3692039	-1.1	SND
17374	412708.1	3692034.7	-0.9	SND
17375	412704.5	3692031.1	-1	SND
17376	412700.7	3692027.7	-1	SND
17377	412696.7	3692024.4	-1	SND
17378	412692.7	3692021.2	-1.1	SND
17379	412688.9	3692017.9	-1	SND
17380	412685	3692014.6	-1	SND
17381	412681.2	3692011.5	-1	SND
17382	412677.2	3692008.3	-0.9	SND
17383	412673.2	3692005.4	-1	SND
17384	412669	3692002.6	-0.9	SND
17385	412664.7	3691999.8	-0.9	SND
17386	412660.6	3691997	-0.9	SND
17387	412656.5	3691994	-1.1	SND
17388	412652.6	3691991	-1	SND
17389	412648.6	3691988	-0.9	SND
17390	412644.5	3691985.1	-0.9	SND
17391	412640.1	3691982.6	-0.9	SND
17392	412635.6	3691980.3	-1	SND
17393	412631	3691978.1	-1	SND
17394	412626.3	3691976.1	-1	SND
17395	412621.6	3691974.3	-1	SND
17396	412616.9	3691972.7	-0.9	SND
17397	412612.2	3691971.2	-0.9	SND
17398	412607.5	3691969.8	-0.8	SND
17399	412602.6	3691968.4	-0.9	SND
17400	412597.9	3691967	-0.9	SND
17401	412593	3691965.5	-1	SND
17402	412588.2	3691964.1	-1	SND
17403	412583.3	3691962.8	-0.9	SND
17404	412578.4	3691961.4	-1	SND
17405	412573.6	3691960	-1	SND
17406	412568.9	3691958.2	-0.9	SND
17407	412564.3	3691956.2	-1	SND
17408	412559.9	3691953.9	-1	SND
17409	412555.5	3691951.2	-1	SND
17410	412551.3	3691948.3	-1.1	SND
17411	412547	3691945.1	-1	SND
17412	412543	3691942.1	-1	SND
17413	412538.8	3691939.2	-1	SND
17414	412534.4	3691936.5	-0.9	SND
17415	412529.7	3691934	-0.9	SND
17416	412525.2	3691931.5	-0.9	SND

TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-11.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17417	412520.6	3691929.4	-0.8	SND
17418	412516	3691927	-0.9	SND
17419	412511.7	3691924.6	-0.9	SND
17420	412507.4	3691922.2	-1	SND
17421	412503.1	3691919.7	-1.1	SND
17422	412498.8	3691917.1	-1	SND
17423	412494.5	3691914.5	-1	SND
17424	412490.1	3691911.9	-1.1	SND
17425	412485.6	3691909.4	-1.1	SND
17426	412480.9	3691906.8	-1.1	SND
17427	412476.6	3691904.3	-1.1	SND
17428	412472.2	3691901.8	-0.9	SND
17429	412467.9	3691899.1	-0.8	SND
17430	412463.7	3691896.2	-0.8	SND
17431	412459.6	3691893.3	-0.8	SND
17432	412455.5	3691890.3	-0.8	SND
17433	412451.4	3691887.3	-1	SND
17434	412447.3	3691884.1	-1.1	SND
17435	412443.3	3691881	-0.8	SND
17436	412439.4	3691877.9	-0.8	SND
17437	412435.4	3691875	-0.8	SND
17438	412431.1	3691872.1	-0.8	SND
17439	412426.7	3691869.5	-0.7	SND
17440	412422.2	3691866.9	-0.8	SND
17441	412417.7	3691864.5	-0.9	SND
17442	412413.3	3691862.1	-0.9	SND
17443	412408.9	3691859.6	-0.8	SND
17444	412404.5	3691857.1	-0.7	SND
17445	412400.3	3691854.4	-0.7	SND
17446	412396.1	3691851.6	-0.8	SND
17447	412391.9	3691848.9	-0.7	SND
17448	412387.8	3691846.1	-0.7	SND
17449	412383.2	3691843.3	-0.9	SND
17450	412378.8	3691840.6	-0.9	SND
17451	412374.5	3691838	-0.9	SND
17452	412370.2	3691835.4	-0.8	SND
17453	412365.7	3691832.6	-0.7	SND
17454	412361.3	3691830	-0.6	SND
17455	412357	3691827.4	-0.7	SND
17456	412352.6	3691824.8	-0.7	SND
17457	412348.2	3691822.2	-0.6	SND
17458	412343.9	3691819.6	-0.7	SND
17459	412339.6	3691816.9	-0.7	SND
17460	412335.4	3691814	-0.6	SND
17461	412331.4	3691811	-0.7	SND
17462	412327.4	3691808	-0.7	SND
17463	412323.3	3691805.1	-0.7	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-11.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17464	412319.1	3691802.3	-0.8	SND
17465	412314.9	3691799.5	-0.7	SND
17466	412310.7	3691796.8	-0.7	SND
17467	412306.5	3691794	-0.7	SND
17468	412302.3	3691791.2	-0.6	SND
17469	412298.2	3691788.3	-0.6	SND
17470	412294.1	3691785.4	-0.6	SND
17471	412290.1	3691782.3	-0.6	SND
17472	412286.2	3691779	-0.6	SND
17473	412282.4	3691775.7	-0.6	SND
17474	412278.8	3691772.3	-0.7	SND
17475	412275.2	3691768.8	-0.6	SND
17476	412271.8	3691765.2	-0.6	SND
17477	412268.4	3691761.4	-0.6	SND
17478	412265.1	3691757.5	-0.6	SND
17479	412261.8	3691753.1	-0.6	SND
17480	412258.8	3691749	-0.6	SND
17481	412255.9	3691744.8	-0.6	SND
17482	412253	3691740.8	-0.5	SND
17483	412250.1	3691736.7	-0.6	SND
17484	412246.9	3691732.7	-0.6	SND
17485	412243.6	3691728.9	-0.6	SND
17486	412240.2	3691725.3	-0.6	SND
17487	412236.6	3691721.7	-0.6	SND
17488	412232.9	3691718.3	-0.6	SND
17489	412229.4	3691714.8	-0.6	SND
17490	412225.9	3691711.2	-0.6	SND
17491	412222.5	3691707.5	-0.7	SND
17492	412219.2	3691703.7	-0.7	SND
17493	412216.2	3691699.7	-0.8	SND
17494	412213.3	3691695.5	-0.7	SND
17495	412210.6	3691691.3	-0.6	SND
17496	412208	3691687.1	-0.6	SND
17497	412205.3	3691682.8	-0.7	SND
17498	412202.5	3691678.6	-0.6	SND
17499	412199.5	3691674.6	-0.6	SND
17500	412196.2	3691670.7	-0.6	SND
17501	412192.8	3691667.1	-0.7	SND
17502	412189.2	3691663.7	-0.7	SND
17503	412185.5	3691660.4	-0.8	SND
17504	412181.7	3691657.2	-0.7	SND
17505	412177.6	3691653.6	-0.7	SND
17506	412173.8	3691650.3	-0.7	SND
17507	412169.8	3691647.1	-0.6	SND
17508	412165.8	3691644	-0.7	SND
17509	412161.7	3691641	-0.7	SND
17510	412157.7	3691638.1	-0.7	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-11.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17511	412153.5	3691635.1	-0.7	SND
17512	412149.4	3691632.2	-0.6	SND
17513	412145.3	3691629.1	-0.5	SND
17514	412141.3	3691626	-0.6	SND
17515	412137.5	3691622.7	-0.6	SND
17516	412133.7	3691619.4	-0.7	SND
17517	412130	3691616.2	-0.7	SND
17518	412126.2	3691612.7	-0.6	SND
17519	412122.4	3691609.2	-0.8	SND
17520	412118.7	3691605.8	-0.8	SND
17521	412115	3691602.5	-0.7	SND
17522	412111.1	3691599.4	-0.7	SND
17523	412107	3691596.5	-0.6	SND
17524	412102.8	3691593.7	-0.8	SND
17525	412097.8	3691590.5	-0.7	SND
17526	412093.5	3691587.8	-0.7	SND
17527	412089.3	3691585.1	-0.7	SND
17528	412085.1	3691582.4	-0.7	SND
17529	412080.4	3691579.4	-0.7	SND
17530	412076.3	3691576.6	-0.7	SND
17531	412072.2	3691573.7	-0.7	SND
17532	412068.1	3691570.6	-0.6	SND
17533	412064.1	3691567.5	-0.6	SND
17534	412059.9	3691563.9	-0.7	SND
17535	412056.3	3691560.5	-0.7	SND
17536	412052.5	3691556.9	-0.7	SND
17537	412048.9	3691553.3	-0.7	SND
17538	412045.3	3691549.7	-0.7	SND
17539	412041.8	3691546.2	-0.7	SND
17540	412038.3	3691542.7	-0.7	SND
17541	412034.7	3691539.1	-0.8	SND
17542	412031.1	3691535.7	-0.7	SND
17543	412027.5	3691532.3	-0.7	SND
17544	412023.7	3691528.9	-0.7	SND
17545	412019.6	3691525.3	-0.7	SND
17546	412015.7	3691522.1	-0.7	SND
17547	412011.8	3691518.8	-0.7	SND
17548	412007.9	3691515.6	-0.7	SND
17549	412004.1	3691512.5	-0.7	SND
17550	412000.2	3691509.2	-0.7	SND
17551	411996.3	3691506	-0.7	SND
17552	411992.5	3691502.8	-0.7	SND
17553	411988.6	3691499.5	-0.7	SND
17554	411984.8	3691496.3	-0.6	SND
17555	411981	3691493.1	-0.6	SND
17556	411977.3	3691489.9	-0.7	SND
17557	411973.5	3691486.7	-0.7	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-11.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17558	411969.7	3691483.5	-0.7	SND
17559	411965.8	3691480.3	-0.6	SND
17560	411962	3691477.1	-0.7	SND
17561	411958.2	3691473.9	-0.7	SND
17562	411954.3	3691470.5	-0.7	SND
17563	411950.4	3691467.2	-0.7	SND
17564	411946.5	3691463.8	-0.7	SND
17565	411942.8	3691460.3	-0.7	SND
17566	411939	3691457.2	-0.7	SND
17567	411935.2	3691453.9	-0.7	SND
17568	411931.5	3691450.7	-0.7	SND
17569	411927.8	3691447.4	-0.7	SND
17570	411924	3691444	-0.7	SND
17571	411920.2	3691440.7	-0.6	SND
17572	411916.4	3691437.4	-0.7	SND
17573	411912.5	3691434	-0.6	SND
17574	411908.7	3691430.8	-0.6	SND
17575	411904.8	3691427.5	-0.6	SND
17576	411901.1	3691424.3	-0.7	SND



TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-12.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2185	413246.0612	3692962.719	1.533	MR
2186	413232.243	3692940.481	1.049	MR
2187	413216.727	3692923.179	1.445	MR
2188	413208.554	3692909.807	1.547	MR
2189	413206.48	3692908.861	0.173	SND
2190	413183.004	3692895.062	0.186	SND
2191	413180.693	3692893.273	1.084	MR
2192	413163.032	3692875.545	1.535	MR
2193	413151.1	3692861.566	1.668	MR
2194	413129.153	3692849.564	1.346	MR
2195	413106.388	3692833.167	1.483	MR
2196	413104.424	3692829.958	-0.449	SND
2197	413098.149	3692826.17	-0.263	SND
2198	413086.948	3692814.797	-0.465	SND
2199	413074.717	3692805.54	-0.564	SND
2200	413057.588	3692798.394	-0.722	SND
2201	413039.555	3692790.596	-1.13	SND
2202	413021.242	3692781.791	-0.982	SND
2205	412220.219	3692171.085	-0.884	SND
2206	412189.86	3692169.031	-0.871	SND
2207	412160.535	3692157.999	-0.895	SND
2208	412143.283	3692143.362	-1.039	SND
2209	412124.692	3692125.111	-0.924	SND
2210	412108.187	3692110.386	-0.763	SND
2211	412093.006	3692097.811	-0.659	SND
2212	412075.771	3692086.669	-0.603	SND
2213	412056.807	3692079.954	-0.753	SND
2214	412037.434	3692072.886	-0.533	SND
2215	412021.868	3692063.093	-0.031	SND
2216	412007.441	3692048.518	-0.939	SND
2217	411996.267	3692033.699	-0.947	SND
2218	411984.05	3692017.479	-0.798	SND
2219	411970.973	3692003.384	-0.561	SND
2220	411953.988	3691986.571	-0.705	SND
2221	411937.607	3691971.26	-0.438	SND
2222	411911.968	3691947.346	-0.696	SND
2223	411891.777	3691930.426	-0.751	SND
2224	411868.749	3691917.593	-0.614	SND
2225	411847.256	3691908.244	-0.388	SND
2226	411825.627	3691900.734	-0.445	SND
2227	411807.842	3691893.795	-0.314	SND
2228	411791.33	3691884.56	-0.331	SND
2229	411774.676	3691874.351	-0.29	SND
2230	411759.807	3691864.023	-0.156	SND
2231	411744.666	3691853.522	-0.159	SND
2232	411727.717	3691844.046	-0.197	SND
2233	411708.367	3691835.841	-0.104	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-12.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2234	411688.893	3691827.551	-0.516	SND
2235	411671.768	3691817.446	-0.505	SND
2236	411654.305	3691804.021	-0.202	SND
2237	411635.982	3691790.429	-0.532	SND
2238	411621.753	3691779.643	-0.358	SND
2239	411605.397	3691768.345	-0.243	SND
2240	411589.677	3691756.664	-0.304	SND
2241	411574.698	3691740.19	-0.545	SND
2242	411560.361	3691721.779	-0.24	SND
2243	411547.529	3691701.765	-0.182	SND
2244	411531.373	3691681.587	-0.603	SND
2245	411512.012	3691665.603	-0.566	SND
2246	411494.75	3691651.265	-0.512	SND
2247	411477.922	3691639.167	-0.4	SND
2248	411456.04	3691624.987	-0.503	SND
2249	411438.666	3691614.661	-0.472	SND
2250	411422.894	3691604.598	-0.422	SND
2251	411405.314	3691593.214	-0.342	SND
2252	411390.581	3691584.715	-0.717	SND
2253	411373.166	3691573.832	-0.733	SND
2254	411357.678	3691563.488	-0.643	SND
2255	411339.781	3691549.864	-0.663	SND
2256	411326.043	3691536.315	-0.697	SND
2257	411313.365	3691521.062	-0.471	SND
2258	411301.828	3691506.72	-0.326	SND
2259	411284.21	3691489.259	-0.423	SND
2260	411267.755	3691477.964	-0.562	SND
2261	411249.171	3691465.958	-0.471	SND
2262	411232.485	3691455.127	-0.446	SND
2263	411214.998	3691443.673	-0.423	SND
2264	411196.909	3691432.93	-0.52	SND
2265	411177.778	3691425.593	-0.59	SND
2266	411160.876	3691420.305	-0.524	SND
2267	411142.154	3691411.856	-0.528	SND
2268	411123.736	3691402.994	-0.488	SND
2269	411104.532	3691390.744	-0.699	SND
2270	411090.735	3691380.819	-0.55	SND
2271	411076.192	3691370.55	-0.923	SND
2272	411060.144	3691360.925	-0.889	SND
2273	411044.312	3691350.696	-1.213	SND
2274	411029.459	3691340.202	-1.234	SND
2275	411015.991	3691328.336	-1.19	SND
2276	411003.22	3691315.238	-1.343	SND
2277	410989.088	3691300.299	-1.453	SND
2278	410973.861	3691286.058	-1.635	SND
2279	410957.958	3691273.038	-1.69	SND
2280	410943.346	3691260.464	-1.632	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-12.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2281	410930.05	3691247.823	-1.64	SND
2282	410916.562	3691234.058	-1.679	SND
2283	410902.601	3691220.513	-1.493	SND
2284	410893.138	3691212.352	-1.594	SND
16171	412178.9	3692167.6	-1	SND
16172	412184.1	3692168.6	-0.8	SND
16173	412189.3	3692168.3	-1	SND
16174	412194.2	3692167.7	-1	SND
16175	412199.3	3692167.5	-1.1	SND
16176	412204.2	3692167.9	-1.1	SND
16177	412209.3	3692169	-1	SND
16178	412213.9	3692170.6	-1	SND
16179	412217.6	3692173.3	-1.1	SND
16180	412220.5	3692176.9	-1	SND
16181	412224.3	3692182.8	-1.1	SND
16182	412226.8	3692188.2	-1.1	SND
16183	412228.2	3692193	-1.2	SND
16184	412229	3692198.4	-1.1	SND
16185	412229.9	3692203.2	-1.2	SND
16186	412231.4	3692208.2	-1.2	SND
16187	412234.1	3692212.3	-1.2	SND
16188	412237.7	3692215.5	-1.2	SND
16189	412242.6	3692218	-1.2	SND
16190	412247	3692219.6	-1.2	SND
16191	412251.7	3692220.9	-1.3	SND
16192	412256.3	3692222.5	-1.2	SND
16193	412260.2	3692224.8	-1.2	SND
16194	412262.2	3692228.7	-1.2	SND
16195	412261.2	3692233.4	-1.1	SND
16196	412260.7	3692238.3	-1.4	SND
16197	412261	3692243.2	-1.2	SND
16198	412262	3692247.8	-1.3	SND
16199	412263.6	3692252.1	-1.3	SND
16200	412266	3692255.8	-1.4	SND
16201	412269.3	3692258.9	-1.5	SND
16202	412272.8	3692261.5	-1.8	SND
16203	412277.1	3692263.7	-1.5	SND
16204	412281.7	3692265.2	-1.7	SND
16205	412286.5	3692265.8	-1.5	SND
16206	412291.5	3692265.6	-1.3	SND
16207	412296	3692264.5	-1.3	SND
16208	412300.3	3692263.1	-1.4	SND
16209	412305	3692262.1	-1.2	SND
16210	412309.9	3692262.4	-1.2	SND
16211	412314.6	3692263	-1.3	SND
16212	412319.5	3692263.4	-1.4	SND
16213	412324.3	3692263.9	-1.6	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-12.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16214	412329.1	3692264.5	-1.6	SND
16215	412333.9	3692265.4	-1.6	SND
16216	412338.3	3692266.8	-1.5	SND
16217	412342.2	3692269.1	-1.4	SND
16218	412345.9	3692272	-1.4	SND
16219	412349.8	3692275	-1.1	SND
16220	412353.8	3692278	-1.1	SND
16221	412357.7	3692281	-1.2	SND
16222	412361.7	3692284	-1.2	SND
16223	412365.6	3692287	-1.5	SND
16224	412369.7	3692290.3	-1.5	SND
16225	412373.5	3692293.6	-1.8	SND
16226	412377	3692297.1	-1.9	SND
16227	412380.3	3692300.9	-1.9	SND
16228	412383.5	3692304.7	-1.8	SND
16229	412386.6	3692308.6	-1.7	SND
16230	412389.9	3692313	-1.2	SND
16231	412392.9	3692317.2	-1.2	SND
16232	412395.5	3692321.5	-1.2	SND
16233	412398	3692325.9	-1.2	SND
16234	412400.5	3692330.2	-1.3	SND
16235	412403.4	3692334.6	-1.2	SND
16236	412406.3	3692338.7	-1.2	SND
16237	412409.3	3692342.7	-1.2	SND
16238	412412.4	3692346.6	-1.1	SND
16239	412415.9	3692350.2	-1.1	SND
16240	412420.1	3692353.8	-1.2	SND
16241	412424.5	3692356.9	-1.1	SND
16242	412428.9	3692359.4	-1.2	SND
16243	412433.6	3692361.3	-1.3	SND
16244	412438.2	3692363.3	-1.2	SND
16245	412442.6	3692365.7	-1.2	SND
16246	412446.7	3692368.7	-1.2	SND
16247	412450.5	3692372.2	-1.4	SND
16248	412454.1	3692375.8	-1.4	SND
16249	412457.7	3692379.2	-1.5	SND
16250	412461.4	3692382.6	-1.7	SND
16251	412465.1	3692385.9	-1.4	SND
16252	412468.8	3692389.7	-1.2	SND
16253	412472.5	3692393	-1.3	SND
16254	412476.5	3692396.1	-1.2	SND
16255	412480.7	3692399	-1.1	SND
16256	412484.9	3692401.8	-1.2	SND
16257	412489.1	3692404.7	-1.2	SND
16258	412493.1	3692407.6	-1.2	SND
16259	412497.3	3692410.6	-1.6	SND
16260	412501.5	3692413.6	-1.2	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-12.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16261	412505.6	3692416.5	-1.4	SND
16262	412509.8	3692419.3	-1.2	SND
16263	412513.9	3692422.1	-1.2	SND
16264	412518	3692425	-1.1	SND
16265	412522	3692428	-1.2	SND
16266	412526	3692431	-1.2	SND
16267	412530.1	3692434	-1.2	SND
16268	412534.2	3692437	-1.2	SND
16269	412538.2	3692439.9	-1.3	SND
16270	412542.2	3692442.9	-1.4	SND
16271	412546.1	3692445.9	-1.4	SND
16272	412550.2	3692449	-1.3	SND
16273	412554.2	3692452.1	-1.2	SND
16274	412558.1	3692455.3	-1.3	SND
16275	412562	3692458.5	-1.2	SND
16276	412565.9	3692461.7	-1.4	SND
16277	412569.8	3692465	-1	SND
16278	412573.5	3692468.3	-1.2	SND
16279	412577.3	3692471.6	-1.4	SND
16280	412580.9	3692474.9	-1.3	SND
16281	412584.6	3692478.3	-1.2	SND
16282	412588.1	3692481.7	-1.2	SND
16283	412591.7	3692485.1	-1.2	SND
16284	412595.3	3692488.6	-1.2	SND
16285	412599	3692492.2	-1.2	SND
16286	412602.4	3692495.9	-1.1	SND
16287	412605.6	3692499.6	-1	SND
16288	412608.8	3692503.4	-1	SND
16289	412612.2	3692507.2	-0.9	SND
16290	412615.6	3692511.1	-0.8	SND
16291	412618.8	3692514.9	-0.6	SND
16292	412622	3692518.9	-1	SND
16293	412625.2	3692522.8	-1	SND
16294	412628.4	3692526.7	-1.1	SND
16295	412631.6	3692530.6	-0.9	SND
16296	412634.9	3692534.3	-1.1	SND
16297	412638.4	3692537.9	-1.1	SND
16298	412642.1	3692541.3	-0.9	SND
16299	412645.9	3692544.5	-1	SND
16300	412649.9	3692547.7	-1	SND
16301	412653.9	3692550.7	-1.1	SND
16302	412658.2	3692553.4	-1	SND
16303	412662.7	3692555.7	-1	SND
16304	412667.3	3692557.7	-1.1	SND
16305	412671.9	3692559.4	-1.1	SND
16306	412676.5	3692561.2	-1.1	SND
16307	412681	3692563.3	-1.2	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-12.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16308	412685.7	3692565.2	-1.3	SND
16309	412690.2	3692567.4	-1.7	SND
16310	412694.6	3692570.1	-1.6	SND
16311	412698.8	3692572.6	-1.7	SND
16312	412703.2	3692575.4	-1.7	SND
16313	412707.6	3692577.9	-1.8	SND
16314	412712	3692580.4	-1.9	SND
16315	412716.4	3692583.1	-2	SND
16316	412720.7	3692585.9	-2.1	SND
16317	412724.8	3692588.8	-2.2	SND
16318	412728.9	3692591.6	-2.4	SND
16319	412733.1	3692594.5	-2.4	SND
16320	412737.2	3692597.5	-2.5	SND
16321	412741.7	3692600.7	-2.8	SND
16322	412745.6	3692603.8	-2.8	SND
16323	412749.5	3692606.9	-2.9	SND
16324	412753.3	3692610	-2.9	SND
16325	412757	3692613.3	-2.9	SND
16326	412760.6	3692616.8	-2.9	SND
16327	412764.2	3692620.2	-3	SND
16328	412767.7	3692624	-3.2	SND
16329	412771.7	3692628.1	-3.2	SND
16330	412775.4	3692631.8	-3.4	SND
16331	412778.9	3692635.4	-3.4	SND
16332	412782.6	3692639	-3.5	SND
16333	412786.1	3692642.6	-3.5	SND
16334	412789.8	3692646	-3.8	SND
16335	412793.6	3692649.2	-3.8	SND
16336	412797.5	3692652.6	-3.7	SND
16337	412801.3	3692655.7	-3.8	SND
16338	412805.1	3692659	-4.3	SND
16339	412809	3692662.2	-4.3	SND
16340	412812.9	3692665.4	-4.2	SND
16341	412816.7	3692668.6	-4.1	SND
16342	412820.5	3692672	-4.2	SND
16343	412824.2	3692675.2	-4.3	SND
16344	412828.1	3692678.4	-3.8	SND
16345	412832.1	3692681.7	-3.9	SND
16346	412836.1	3692684.8	-4	SND
16347	412840.3	3692687.7	-3.9	SND
16348	412844.4	3692690.6	-3.9	SND
16349	412848.7	3692693.4	-3.7	SND
16350	412853.5	3692696.6	-3.7	SND
16351	412858	3692699.1	-3.6	SND
16352	412862.6	3692701.5	-3.5	SND
16353	412867.1	3692703.6	-3.4	SND
16354	412871.9	3692705.5	-3.6	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-12.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16355	412876.6	3692707.3	-3.4	SND
16356	412881.4	3692708.9	-3.3	SND
16357	412886.2	3692710.3	-3.4	SND
16358	412891	3692711.7	-3.5	SND
16359	412896	3692713.1	-3.3	SND
16360	412900.7	3692714.6	-3.5	SND
16361	412905.4	3692716.5	-3.6	SND
16362	412910.3	3692718.6	-3.6	SND
16363	412914.7	3692720.8	-3.4	SND
16364	412919.6	3692723.3	-3.3	SND
16365	412924	3692725.8	-3.3	SND
16366	412928.5	3692728.3	-3.3	SND
16367	412932.9	3692730.9	-3.4	SND
16368	412937.2	3692733.4	-3	SND
16369	412941.5	3692735.9	-3	SND
16370	412945.9	3692738.4	-2.7	SND
16371	412950.3	3692741	-3	SND
16372	412954.6	3692743.6	-2.8	SND
16373	412959.1	3692746.5	-2.6	SND
16374	412963.3	3692749.4	-2.5	SND
16375	412967.5	3692752.3	-2.5	SND
16376	412971.5	3692755.3	-2.4	SND
16377	412975.5	3692758.3	-2.3	SND
16378	412979.3	3692761.4	-1.8	SND
16379	412983.1	3692764.6	-1.7	SND
16380	412986.9	3692768	-1.6	SND
16381	412990.4	3692771.4	-1.5	SND
16382	412993.7	3692775.1	-1.4	SND
16383	412996.5	3692779.2	-1.2	SND
16384	412998.9	3692783.4	-1.2	SND
16385	413001.4	3692787.7	-0.8	SND
16386	413004.3	3692791.7	-1	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-13.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2061	410647.198	3691537.458	-1.399	SND
2062	410651.871	3691541.627	-1.222	SND
2063	410662.675	3691547.088	-1.146	SND
2064	410672.231	3691552.097	-0.785	SND
2065	410681.882	3691556.475	-1.255	SND
2066	410694.188	3691562.285	-1.286	SND
2067	410705.895	3691569.555	-1.284	SND
2068	410717.678	3691578.972	-1.091	SND
2069	410728.878	3691589.254	-1	SND
2070	410740.124	3691601.477	-0.759	SND
2071	410756.737	3691617.626	-0.394	SND
2072	410757.467	3691621.19	1.444	MR
2073	410768.538	3691633.383	1.609	MR
2074	410777.059	3691648.218	1.415	MR
2075	410779.483	3691651.526	0.691	SND
2076	410795.393	3691668.13	0.241	SND
2077	410810.517	3691680.417	0.332	SND
2078	410823.948	3691691.571	0.434	SND
2079	410850.589	3691709.362	0.493	SND
2080	410858.594	3691715.548	0.632	SND
2081	410876.572	3691722.429	0.597	SND
2082	410892.733	3691729.958	0.474	SND
2083	410895.376	3691730.669	1.617	MR
2084	410911.223	3691733.39	1.512	MR
2085	410922.43	3691737.554	1.244	MR
2086	410923.985	3691738.731	0.263	SND
2087	410931.791	3691739.48	0.261	SND
2088	410945.168	3691746.721	0.155	SND
2089	410954.984	3691751.186	0.32	SND
2090	410965.84	3691760.502	0.169	SND
2091	410978.802	3691771.363	0.29	SND
2092	410987.562	3691779.594	0.468	SND
2093	410997.657	3691788.693	0.118	SND
2094	411009.564	3691798.985	0.165	SND
2095	411018.418	3691808.564	0.484	SND
2096	411027.948	3691817.543	0.632	SND
2097	411036.196	3691824.242	0.764	SND
2098	411045.805	3691832.667	0.775	SND
2099	411056.091	3691841.05	0.674	SND
2100	411066.108	3691848.117	0.506	SND
2101	411077.592	3691856.144	0.098	SND
2102	411090.358	3691864.427	-0.035	SND
2103	411102.954	3691871.216	-0.276	SND
2104	411116.402	3691879.34	-0.369	SND
2105	411128.289	3691887.334	-0.234	SND
2106	411139.638	3691897.463	-0.633	SND
2107	411150.775	3691906.921	-0.368	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-13.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2108	411160.261	3691916.003	-0.178	SND
2109	411167.009	3691924.542	0.099	SND
2110	411174.256	3691935.91	0.521	SND
2111	411181.924	3691943.367	0.069	SND
2112	411192.193	3691951.858	0.226	SND
2113	411203.05	3691959.036	0.25	SND
2114	411213.218	3691965.675	0.322	SND
2115	411232.033	3691974.8	0.289	SND
2116	411235.029	3691975.549	1.348	MR
2117	411254.226	3691988.966	1.302	MR
2118	411272.602	3691994.575	1.608	MR
2119	411274.159	3691997.851	0.501	SND
2120	411302.108	3692009.424	0.419	SND
2121	411303.777	3692011.82	1.576	MR
2122	411316.282	3692024.648	1.362	MR
2123	411320.12	3692027.426	0.361	SND
2124	411324.272	3692046.877	-0.486	SND
2125	411327.558	3692052.944	-0.584	SND
2126	411336.925	3692059.169	-0.774	SND
2127	411346.85	3692062.597	-0.769	SND
2128	411357.636	3692065.096	-0.575	SND
2129	411369.114	3692068.676	-0.447	SND
2130	411377.84	3692072.358	-0.812	SND
2131	411388.121	3692077.678	-0.872	SND
2132	411397.044	3692083.82	-0.607	SND
2133	411408.662	3692091.631	-0.709	SND
2134	411422.139	3692099.086	-0.709	SND
2135	411436.102	3692104.557	-0.415	SND
2136	411446.839	3692110.752	-0.276	SND
2137	411457.583	3692118.395	-0.585	SND
2138	411468.14	3692128.127	-0.607	SND
2139	411476.857	3692138.606	-0.648	SND
2140	411486.6	3692151.734	-0.442	SND
2141	411495.434	3692163.218	-0.252	SND
2142	411506.754	3692175.863	-0.52	SND
2143	411516.454	3692186.004	-0.598	SND
2144	411525.252	3692195.942	-0.711	SND
2145	411534.889	3692206.29	-0.624	SND
2146	411544.739	3692214.783	-0.846	SND
2147	411556.668	3692223.264	-0.682	SND
2148	411570.224	3692230.153	-0.891	SND
2149	411584.336	3692235.207	-0.938	SND
2150	411597.87	3692239.836	-0.648	SND
2151	411612.136	3692244.81	-0.29	SND
2152	411626.283	3692250.766	-0.533	SND
2153	411638.997	3692258.044	-0.544	SND
2154	411648.898	3692265.081	-0.554	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-13.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2155	411667.699	3692280.384	0.256	SND
2156	411669.317	3692281.356	1.534	MR
2157	411682.446	3692285.326	1.425	MR
2158	411695.361	3692288.233	1.499	MR
2159	411699.92	3692296.592	1.522	MR
2160	411701.694	3692298	0.316	SND
2161	411711.812	3692304.558	0.217	SND
2162	411719.094	3692314.359	-0.133	SND
2163	411726.054	3692329.902	-0.204	SND
2164	411734.434	3692337.617	-0.261	SND
2165	411742.491	3692345.276	-0.216	SND
2166	411753.627	3692356.168	-1.025	SND
2167	411763.013	3692364.936	-1.023	SND
2168	411772.874	3692372.008	-1.029	SND
2169	411787.187	3692383.562	-1.339	SND
2172	412499.292	3692923.514	-0.685	SND
2173	412509.619	3692930.918	-0.645	SND
2174	412518.238	3692938.019	-0.805	SND
2175	412528.49	3692944.356	-0.533	SND
2176	412536.861	3692949.212	-0.642	SND
2177	412547.142	3692954.33	-0.26	SND
2178	412556.828	3692959.064	-0.032	SND
2179	412566.031	3692963.804	0.003	SND
2180	412593.881	3692971.201	-0.137	SND
2181	412594.993	3692974.198	1.54	MR
2182	412612.329	3692985.486	1.347	MR
2183	412630.461	3692999.5	1.099	MR
2184	412646.089	3693010.22	1.401	MR
5626	413122.365	3693341.733	1.867	MR
5627	413108.028	3693333.816	1.508	MR
5628	413092.361	3693331.701	2.048	MR
5629	413073.578	3693329.185	1.654	MR
5630	413070.355	3693328.698	0.268	SND
5631	413060.096	3693322.813	-0.727	SND
5632	413050.893	3693315.444	-1.008	SND
5633	413040.714	3693307.234	-1.396	SND
5634	413029.2	3693296.699	-2.004	SND
5635	413052.538	3693324.097	-0.861	SND
5636	413033.75	3693302.384	-1.185	SND
5637	413017.338	3693284.948	-1.245	SND
5638	413000.469	3693269.342	-1.896	SND
5639	412984.892	3693257.418	-2.113	SND
5640	412965.849	3693245.038	-2.804	SND
5641	412939.956	3693230.36	-2.42	SND
5642	412908.755	3693204.668	-3.051	SND
5643	412889.965	3693186.318	-2.694	SND
5644	412869.815	3693165.803	-2.771	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-13.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5645	412855.738	3693150.65	-2.676	SND
5646	412841.929	3693132.735	-2.451	SND
5647	412829.07	3693116.338	-2.286	SND
5648	412812.74	3693100.818	-2.19	SND
5649	412795.484	3693089.219	-1.687	SND
5650	412765.588	3693081.127	0.428	SND
5651	412764.069	3693080.215	1.828	MR
5652	412746.054	3693073.228	1.972	MR
5653	412729.892	3693064.863	1.596	MR
5654	412714.772	3693056.815	1.945	MR
5655	412700.2	3693048.626	1.766	MR
5656	412681.157	3693036.54	1.955	MR
5657	412664.866	3693023.103	1.481	MR
5658	412650.279	3693014.711	1.949	MR
5659	412635.272	3693001.771	1.785	MR
16387	412510.8	3692886	-1	SND
16388	412506.2	3692884.8	-1.2	SND
16389	412502	3692882.8	-1.2	SND
16390	412498.3	3692880	-1.3	SND
16391	412495.1	3692876.6	-1.3	SND
16392	412491.9	3692872.9	-1.5	SND
16393	412488.5	3692869.4	-1.5	SND
16394	412485.1	3692865.7	-1.8	SND
16395	412481.8	3692862.2	-1.8	SND
16396	412478.4	3692858.8	-1.8	SND
16397	412474.6	3692855.5	-2.2	SND
16398	412470.6	3692852.7	-2.4	SND
16399	412466.4	3692850.1	-2.4	SND
16400	412462	3692847.8	-2.1	SND
16401	412457.5	3692845.7	-2.2	SND
16402	412452.6	3692843.8	-2.1	SND
16403	412447.9	3692842.3	-2	SND
16404	412442.9	3692841.1	-2.1	SND
16405	412437.8	3692840.5	-2.3	SND
16406	412432.8	3692840.4	-2.1	SND
16407	412427.7	3692840.6	-2.3	SND
16408	412422.6	3692840.9	-2.2	SND
16409	412417.4	3692841	-2.2	SND
16410	412412.3	3692840.6	-2.4	SND
16411	412406.9	3692839.9	-2.5	SND
16412	412402	3692839	-2.5	SND
16413	412396.7	3692837.9	-2.7	SND
16414	412391.8	3692836.8	-2.7	SND
16415	412386.8	3692835.5	-2.7	SND
16416	412382.1	3692834.1	-2.5	SND
16417	412377.3	3692832.6	-2.7	SND
16418	412372.7	3692830.8	-2.7	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-13.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16419	412368.1	3692828.7	-2.8	SND
16420	412363.5	3692826.4	-2.8	SND
16421	412359	3692824	-2.9	SND
16422	412354.4	3692821.9	-3	SND
16423	412349.2	3692819.6	-3	SND
16424	412344.5	3692817.4	-3.2	SND
16425	412340.1	3692814.8	-3.3	SND
16426	412336	3692811.7	-3.5	SND
16427	412332.2	3692808.3	-3.6	SND
16428	412328.4	3692804.7	-3.7	SND
16429	412324.4	3692801.4	-3.8	SND
16430	412320.4	3692798.3	-3.8	SND
16431	412316.5	3692795.2	-3.9	SND
16432	412312.5	3692792.2	-4.2	SND
16433	412308.6	3692789	-4.7	SND
16434	412304.8	3692785.4	-4.9	SND
16435	412301.7	3692781.4	-5.3	SND
16436	412298.8	3692777.2	-5.2	SND
16437	412296.1	3692772.9	-4.9	SND
16438	412293.1	3692768.8	-4.7	SND
16439	412289.9	3692764.8	-4.7	SND
16440	412286.4	3692761	-4.7	SND
16441	412283.1	3692757	-4.7	SND
16442	412280.1	3692752.9	-4.7	SND
16443	412277.3	3692748.6	-4.7	SND
16444	412274.7	3692744.4	-4.6	SND
16445	412271.9	3692740.1	-4.5	SND
16446	412268.9	3692735.9	-4.2	SND
16447	412265.7	3692731.7	-3.6	SND
16448	412262.7	3692727.5	-3.5	SND
16449	412259.8	3692723	-3.4	SND
16450	412257.2	3692718.6	-3.6	SND
16451	412254.4	3692714.3	-3.5	SND
16452	412251.7	3692710	-3.6	SND
16453	412248.8	3692706	-3.6	SND
16454	412245.7	3692702.1	-3.3	SND
16455	412242.5	3692698.3	-3	SND
16456	412239.2	3692694.6	-3.1	SND
16457	412235.9	3692690.8	-3	SND
16458	412232.7	3692686.8	-3.2	SND
16459	412229.3	3692682.8	-3	SND
16460	412225.7	3692679.3	-3.2	SND
16461	412221.5	3692676.2	-3.4	SND
16462	412217.2	3692673.7	-3.7	SND
16463	412212.7	3692671.2	-3.9	SND
16464	412208.2	3692668.7	-3.6	SND
16465	412203.9	3692665.9	-3.6	SND



TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-13.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16466	412199.9	3692662.8	-3.4	SND
16467	412196.1	3692659.6	-2.2	SND
16468	412192.3	3692656.4	-1.6	SND
16469	412188.4	3692653.3	-1.3	SND
16470	412184.3	3692650.4	-1.1	SND
16471	412180.1	3692647.7	-1.2	SND
16472	412175.8	3692645	-1.2	SND
16473	412171.3	3692642.1	-1.3	SND
16474	412167	3692639	-1.5	SND
16475	412163	3692635.8	-1.5	SND
16476	412159.2	3692632.6	-1.5	SND
16477	412155.2	3692629.2	-1.6	SND
16478	412151	3692626.2	-1.7	SND
16479	412146.7	3692623.6	-1.6	SND
16480	412141.9	3692621	-1.6	SND
16481	412137.1	3692618.5	-1.6	SND
16482	412132.9	3692615.9	-1.7	SND
16483	412128.6	3692613	-1.7	SND
16484	412124.5	3692610.1	-1.6	SND
16485	412120.4	3692607.1	-1.7	SND
16486	412116.3	3692604.2	-1.6	SND
16487	412112.2	3692601.3	-1.6	SND
16488	412107.9	3692598.3	-1.5	SND
16489	412103.6	3692595.5	-1.5	SND
16490	412099	3692592.4	-1.5	SND
16491	412094.7	3692589.6	-1.4	SND
16492	412090.5	3692586.8	-1.5	SND
16493	412086.3	3692583.9	-1.5	SND
16494	412081.8	3692580.9	-1.6	SND
16495	412077.4	3692578.1	-1.5	SND
16496	412073.2	3692575.2	-1.5	SND
16497	412068.9	3692572.3	-1.5	SND
16498	412064.8	3692569.3	-1.6	SND
16499	412060.7	3692566.2	-1.4	SND
16500	412056.6	3692563.1	-1.6	SND
16501	412052.5	3692560	-1.6	SND
16502	412048.4	3692557	-1.6	SND
16503	412044.3	3692553.9	-1.3	SND
16504	412040.3	3692550.7	-1.3	SND
16505	412035.7	3692547.3	-1.2	SND
16506	412031.5	3692544.4	-1.2	SND
16507	412027.1	3692541.4	-1.3	SND
16508	412022.9	3692538.4	-1.3	SND
16509	412018.9	3692535.4	-1.4	SND
16510	412014.8	3692532.4	-1.3	SND
16511	412010.7	3692529.4	-1.4	SND
16512	412006.7	3692526.4	-1.5	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-13.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16513	412002.6	3692523.6	-1.5	SND
16514	411998.4	3692520.7	-1.5	SND
16515	411994.1	3692517.7	-1.5	SND
16516	411989.9	3692514.9	-1.5	SND
16517	411985.7	3692511.9	-1.6	SND
16518	411981.5	3692508.6	-1.5	SND
16519	411977.7	3692505.4	-1.5	SND
16520	411973.6	3692501.7	-1.5	SND
16521	411969.6	3692498	-1.3	SND
16522	411964.7	3692493.5	-1.4	SND
16523	411960.7	3692490.2	-1.3	SND
16524	411956.7	3692487.1	-1.5	SND
16525	411952.8	3692484	-1.5	SND
16526	411947.1	3692479.4	-1.3	SND
16527	411943.2	3692476	-1.4	SND
16528	411939.5	3692472.6	-1.4	SND
16529	411935.6	3692469.2	-1.5	SND
16530	411932	3692465.7	-1.5	SND
16531	411928.5	3692462.4	-1.6	SND
16532	411923	3692457.2	-1.6	SND
16533	411919.4	3692453.8	-1.5	SND
16534	411913.3	3692448.1	-1.6	SND
16535	411908.5	3692444	-1.6	SND
16536	411903.3	3692439.6	-1.5	SND
16537	411899.4	3692436.6	-1.5	SND
16538	411895.4	3692433.5	-1.6	SND
16539	411891.5	3692430.4	-1.6	SND
16540	411887.7	3692427.1	-1.6	SND
16541	411884.1	3692423.6	-1.7	SND
16542	411880.5	3692420.2	-1.6	SND
16543	411876.9	3692416.7	-1.6	SND
16544	411873.4	3692413.3	-1.6	SND
16545	411869.7	3692409.9	-1.6	SND
16546	411865.8	3692406.7	-1.6	SND
16547	411861.9	3692403.5	-1.4	SND
16548	411858.1	3692400.4	-1.3	SND
16549	411854.2	3692397.2	-1.2	SND
16550	411850.2	3692393.9	-1.4	SND
16551	411846.6	3692390.5	-1.3	SND
16552	411843	3692387.1	-1.2	SND
16553	411839.2	3692383.8	-1.3	SND
16554	411835.4	3692380.6	-1.2	SND
16555	411831.3	3692377.5	-1.2	SND
16556	411827.5	3692374.2	-1.2	SND
16557	411823.8	3692370.7	-1.1	SND
16558	411820.4	3692367.1	-1.2	SND
16559	411816.9	3692363.7	-1.3	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-13.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16560	411813	3692360.3	-1.3	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-14.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1897	412688.4628	3693566.894	1.39	MR
1898	412675.557	3693549.745	1.656	MR
1899	412672.799	3693549.625	0.191	SND
1900	412658.634	3693534.384	0.218	SND
1901	412657.289	3693533.368	1.569	MR
1902	412641.457	3693516.488	1.772	MR
1903	412628.353	3693502.021	1.545	MR
1904	412617.485	3693488.549	1.447	MR
1905	412607.111	3693470.596	1.416	MR
1906	412605.416	3693468.419	0.338	SND
1907	412599.474	3693464.328	0.292	SND
1908	412590.618	3693451.283	0.045	SND
1909	412582.499	3693441.239	-0.026	SND
1910	412570.017	3693426.647	-0.285	SND
1911	412557.562	3693412.765	-0.289	SND
1912	412544.789	3693400.856	-0.12	SND
1913	412530.8	3693388.468	-0.436	SND
1914	412515.36	3693376.833	0.08	SND
1915	412494.32	3693366.332	0.029	SND
1916	412479.55	3693359.942	-0.343	SND
1917	412462.56	3693352.193	-0.053	SND
1918	412444.297	3693335.014	0.179	SND
1919	412442.061	3693334.3	1.183	MR
1920	412422.229	3693329.313	1.528	MR
1921	412403.752	3693325.055	1.425	MR
1922	412382.899	3693318.647	1.543	MR
1923	412362.8	3693315.614	1.475	MR
1924	412361.166	3693315.229	-0.084	SND
1925	412348.429	3693314.04	-0.481	SND
1926	412330.926	3693307.688	-0.297	SND
1927	412301.006	3693289.45	-0.737	SND
1931	412300.988	3693268.252	-0.458	SND
1932	412292.393	3693256.796	-0.24	SND
1933	412283.444	3693241.894	0.062	SND
1934	412281.388	3693238.827	1.13	MR
1935	412266.755	3693224.531	1.816	MR
1936	412253.317	3693205.746	1.454	MR
1937	412241.798	3693192	1.3	MR
1938	412221.719	3693182.347	1.412	MR
1939	412198.415	3693177.901	0.976	MR
1940	412176.681	3693173.084	1.652	MR
1941	412172.665	3693173.208	-0.617	SND
1942	412164.824	3693170.53	-0.453	SND
1943	412150.415	3693161.206	-0.574	SND
1944	412128.073	3693149.407	-0.933	SND
1947	411728.802	3692860.568	-0.915	SND
1949	411717.071	3692790.209	-0.444	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-14.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1950	411693.146	3692754.906	-0.707	SND
1951	411672.426	3692741.386	-0.689	SND
1952	411651.43	3692731.46	-0.766	SND
1953	411631.336	3692724.789	-0.631	SND
1954	411609.977	3692719.279	-0.666	SND
1955	411588.608	3692714.554	-0.772	SND
1956	411571.611	3692710.489	-0.641	SND
1957	411551.49	3692705.31	-0.699	SND
1958	411536.184	3692700.367	-0.804	SND
1959	411522.006	3692693.22	-0.581	SND
1960	411508.026	3692684.082	-0.244	SND
1961	411495.779	3692673.561	-0.204	SND
1962	411482.68	3692661.614	-0.248	SND
1963	411470.391	3692651.529	-0.461	SND
1964	411451.243	3692640.068	-0.432	SND
1965	411434.445	3692629.702	-0.542	SND
1966	411420.617	3692616.85	-0.547	SND
1967	411410.659	3692604.218	-0.437	SND
1968	411399.791	3692587.593	-0.206	SND
1969	411386.652	3692570.817	-0.311	SND
1970	411366.818	3692555.312	-0.367	SND
1971	411347.948	3692545.721	-0.402	SND
1972	411331.545	3692538.528	-0.376	SND
1973	411314.767	3692531.216	-0.433	SND
1974	411296.659	3692522.012	-0.33	SND
1975	411282.487	3692513.041	-0.34	SND
1976	411268.215	3692502.281	-0.341	SND
1977	411252.557	3692490.02	-0.394	SND
1978	411238.723	3692477.042	-0.573	SND
1979	411225.687	3692462.581	-0.542	SND
1980	411211.361	3692448.074	-0.508	SND
1981	411198.325	3692436.742	-0.671	SND
1982	411183.049	3692426.752	-0.426	SND
1983	411169.928	3692417.945	-0.372	SND
1984	411156.122	3692407.779	0.124	SND
1985	411145.73	3692399.609	0.163	SND
1986	411135.728	3692390.007	-0.047	SND
1987	411127.499	3692379.754	-0.065	SND
1988	411118.577	3692369.873	0.419	SND
1989	411109.538	3692361.371	-0.204	SND
1990	411098.979	3692353.274	-0.261	SND
1991	411089.397	3692346.133	0.115	SND
1992	411079.234	3692339.798	0.285	SND
1993	411068.395	3692334.824	0.477	SND
1994	411056.073	3692330.867	-0.001	SND
1995	411042.118	3692326.459	0.473	SND
1996	411035.962	3692320.931	0.058	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-14.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1997	411033.158	3692319.619	1.463	MR
1998	411015.053	3692312.219	1.418	MR
1999	411001.001	3692304.11	1.699	MR
2000	410987.17	3692296.686	1.52	MR
2001	410983.327	3692293.944	-0.245	SND
2002	410975.324	3692287.998	-0.06	SND
2003	410963.441	3692276.78	0.234	SND
2004	410950.207	3692266.469	0.383	SND
2005	410939.055	3692256.933	-0.229	SND
2006	410928.659	3692246.691	-0.38	SND
2007	410918.914	3692237.773	-0.033	SND
2008	410910.207	3692229.49	-0.011	SND
2009	410898.092	3692219.056	-0.572	SND
2010	410886.417	3692209.266	-0.466	SND
2011	410873.06	3692195.184	-0.029	SND
2012	410861.821	3692183.137	0.316	SND
2013	410849.781	3692174.049	0.024	SND
2014	410837.989	3692165.139	-1.045	SND
2015	410826.015	3692155.487	-1.21	SND
2016	410812.657	3692145.28	-0.904	SND
2017	410786.228	3692124.117	0.109	SND
2018	410777.088	3692115.276	0.237	SND
2019	410768.606	3692106.309	0.628	SND
2020	410759.21	3692096.709	0.295	SND
2021	410749.42	3692086.98	-0.138	SND
2022	410737.194	3692079.552	-0.698	SND
2023	410723.243	3692071.004	-0.934	SND
2024	410709.785	3692062.243	-1.114	SND
2025	410695.018	3692053.818	-1.862	SND
2026	410677.602	3692045.766	-1.386	SND
2027	410660.235	3692036.818	-1.122	SND
2028	410647.124	3692028.567	-0.975	SND
2029	410633.461	3692019.879	-0.415	SND
2030	410617.909	3692010.789	-1.434	SND
2031	410602.504	3692001.837	-0.853	SND
2032	410587.477	3691991.308	-0.813	SND
2033	410574.028	3691980.991	0.443	SND
2034	410561.687	3691967.835	-0.532	SND
2035	410551.104	3691956.871	-0.193	SND
2036	410535.97	3691944.348	-0.093	SND
2037	410521.725	3691934.926	-0.532	SND
2038	410508.645	3691925.618	-0.645	SND
2039	410490.213	3691913.077	-0.993	SND
2040	410474.451	3691902.116	-0.864	SND
2041	410460.654	3691892.359	-0.425	SND
2042	410447.066	3691882.254	-1.219	SND
2043	410431.915	3691870.837	-1.215	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-14.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
2044	410414.996	3691857.79	-1.456	SND
2045	410404.627	3691857.999	-1.594	SND
16561	411729.4	3692795.9	-1.1	SND
16562	411732.9	3692799.1	-0.8	SND
16563	411737.3	3692801.2	-0.7	SND
16564	411742.1	3692801.9	-0.7	SND
16565	411746.8	3692801	-0.8	SND
16566	411751.2	3692799.4	-0.8	SND
16567	411755.7	3692797.9	-0.9	SND
16571	411790.9	3692871.1	-2.3	SND
16582	411768.8	3692815.3	-1.1	SND
16583	411767.2	3692819.7	-1.1	SND
16584	411767.1	3692824.8	-1.2	SND
16585	411768.3	3692829.4	-1.2	SND
16586	411771	3692833.2	-1.3	SND
16587	411774.3	3692836.6	-1.3	SND
16588	411777.8	3692839.8	-1.4	SND
16589	411780.9	3692843	-1.6	SND
16590	411783	3692846.8	-1.8	SND
16591	411784.9	3692850.9	-2.1	SND
16592	411786.3	3692855.4	-2.1	SND
16593	411787.3	3692860	-2.2	SND
16594	411788.4	3692864.7	-2	SND
16595	411789.6	3692869.3	-2	SND
16596	411791.2	3692873.7	-2.2	SND
16597	411793.1	3692878.1	-1.9	SND
16598	411795.2	3692882.2	-1.9	SND
16599	411797.7	3692886.3	-1.8	SND
16600	411800.5	3692890.1	-1.8	SND
16601	411803.9	3692893.7	-2.1	SND
16602	411807.2	3692897.2	-1.9	SND
16603	411810.9	3692900.6	-1.9	SND
16604	411814.7	3692903.7	-1.8	SND
16605	411818.6	3692906.5	-1.9	SND
16606	411822.7	3692909	-1.8	SND
16607	411826.8	3692911.4	-1.9	SND
16608	411831	3692913.7	-1.8	SND
16609	411835.3	3692916	-2.2	SND
16610	411839.5	3692918.3	-2.6	SND
16611	411843.6	3692920.8	-2.5	SND
16612	411847.6	3692923.5	-2.4	SND
16613	411851.4	3692926.4	-2.5	SND
16614	411854.9	3692929.7	-2.6	SND
16615	411858.2	3692933.2	-2.5	SND
16616	411861.7	3692936.7	-2.5	SND
16617	411865.2	3692940.1	-2.7	SND
16618	411868.7	3692943.5	-2.4	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-14.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16619	411872.3	3692946.9	-2.4	SND
16620	411876	3692950.3	-2.4	SND
16621	411879.6	3692953.7	-2.4	SND
16622	411883.2	3692957.1	-2.4	SND
16623	411887	3692960.1	-2.4	SND
16624	411891	3692963	-2.3	SND
16625	411894.9	3692965.9	-2.5	SND
16626	411898.9	3692968.7	-2.7	SND
16627	411902.8	3692971.5	-2.9	SND
16628	411906.6	3692974.4	-2.9	SND
16629	411910.4	3692977.5	-3.2	SND
16630	411914	3692980.8	-3.2	SND
16631	411917.7	3692984.1	-3.2	SND
16632	411921.2	3692987.5	-3.4	SND
16633	411924.9	3692990.7	-3.6	SND
16634	411929	3692993.3	-3.4	SND
16635	411933.4	3692995.2	-3.4	SND
16636	411937.5	3692997.7	-3.4	SND
16637	411941.1	3693000.8	-3.7	SND
16638	411944.6	3693004.2	-3.7	SND
16639	411947.1	3693008.3	-3.7	SND
16640	411948.9	3693012.5	-3.9	SND
16641	411949.7	3693017.1	-3.8	SND
16642	411951.6	3693021.5	-3.9	SND
16643	411954.3	3693025.5	-3.9	SND
16644	411958	3693028.7	-4	SND
16645	411962.2	3693031	-4	SND
16646	411966.5	3693033.3	-4.3	SND
16647	411970	3693036.5	-4.6	SND
16648	411972.5	3693040.4	-4.2	SND
16649	411974.5	3693044.5	-4.3	SND
16650	411977	3693048.6	-4.5	SND
16651	411979.6	3693052.6	-4.8	SND
16652	411982.7	3693056.3	-5.3	SND
16653	411986	3693059.8	-5.1	SND
16654	411989.4	3693063.4	-5	SND
16655	411992.5	3693067.1	-5	SND
16656	411995.9	3693070.6	-4.7	SND
16657	411999.3	3693074.2	-4.6	SND
16658	412002.9	3693077.5	-4.6	SND
16659	412006.7	3693080.7	-4.4	SND
16660	412010.5	3693083.5	-4.7	SND
16661	412014.6	3693086	-4.8	SND
16662	412019	3693087.7	-5	SND
16663	412023.9	3693088.5	-4.6	SND
16664	412028.8	3693089.1	-4.8	SND
16665	412033.6	3693089.7	-4.5	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-14.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16666	412037.9	3693091.4	-4.2	SND
16667	412041.1	3693094.8	-4	SND
16668	412043.8	3693098.6	-3.6	SND
16669	412046.7	3693102.4	-3.7	SND
16670	412049.9	3693106	-3.8	SND
16671	412053	3693109.7	-3.7	SND
16672	412055.7	3693113.5	-3.5	SND
16673	412058.4	3693117.5	-3.5	SND
16674	412060.7	3693121.6	-3.5	SND
16675	412062.7	3693125.9	-3.4	SND
16676	412063.9	3693130.6	-3.3	SND
16677	412065.7	3693135.1	-2.9	SND
16678	412068.3	3693139.2	-3.2	SND
16679	412071.5	3693142.8	-2.9	SND
16680	412075.3	3693145.6	-3	SND
16681	412079.5	3693147.6	-2.8	SND
16682	412084.5	3693148.6	-2.9	SND
16683	412089.2	3693147.7	-3	SND
16684	412093.3	3693145.5	-3	SND
16685	412096.6	3693141.9	-1.9	SND
16686	412098.9	3693137.7	-1.9	SND
16687	412101.3	3693133.6	-1.8	SND
16688	412103.8	3693129.5	-1.7	SND
16689	412106.8	3693125.7	-1.9	SND
16690	412110.3	3693122.4	-1.4	SND
16691	412114.2	3693119.8	-1.4	SND



TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-15.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1775	410169.1278	3692168.956	-1.4795	SND
1776	410181.6525	3692178.416	-1.4465	SND
1777	410197.1381	3692190.077	-1.4661	SND
1778	410209.3435	3692200.798	-1.6055	SND
1779	410217.8863	3692209.017	-1.4415	SND
1780	410228.6071	3692219.477	-1.4724	SND
1781	410238.6554	3692228.555	-1.2832	SND
1782	410249.0786	3692237.488	-1.2714	SND
1783	410259.5305	3692245.962	-0.982	SND
1784	410271.7838	3692255.224	-0.8478	SND
1785	410292.8941	3692271.197	-1.168	SND
1786	410304.766	3692279.987	-1.1007	SND
1787	410333.3288	3692300.622	-0.7005	SND
1788	410337.0776	3692303.569	0.7499	MR
1789	410351.8262	3692313.465	1.3239	MR
1790	410369.6887	3692325.584	1.669	MR
1791	410384.5758	3692330.1	1.8004	MR
1792	410398.0295	3692344.084	1.4937	MR
1793	410415.1403	3692358.274	1.4778	MR
1794	410427.1798	3692366.877	1.5716	MR
1795	410440.5578	3692374.132	1.6019	MR
1796	410452.1888	3692385.501	1.5659	MR
1797	410466.3944	3692394.907	1.5442	MR
1798	410483.5459	3692414.257	1.5682	MR
1799	410497.1973	3692426.88	1.6431	MR
1800	410513.4565	3692435.351	1.5819	MR
1801	410527.4857	3692444.505	1.8802	MR
1802	410541.781	3692455.037	1.5536	MR
1803	410561.5155	3692465.561	1.5024	MR
1804	410576.5711	3692476.009	1.7149	MR
1805	410597.9292	3692491.491	1.2967	MR
1806	410600.204	3692493.524	0.3322	SND
1807	410610.5275	3692498.57	-0.1872	SND
1808	410622.1901	3692511.289	0.2166	SND
1809	410634.0221	3692521.816	0.6625	SND
1810	410651.3292	3692542.358	0.4732	SND
1811	410657.2643	3692545.888	0.8163	SND
1812	410665.9607	3692551.856	0.7874	SND
1813	410682.5649	3692569.538	0.3278	SND
1814	410684.0132	3692571.019	1.7058	MR
1815	410710.3708	3692579.712	1.0458	MR
1816	410725.1217	3692587.833	1.6543	MR
1817	410741.0148	3692601.205	1.7841	MR
1818	410761.5207	3692611.51	1.5069	MR
1819	410774.3382	3692619.953	1.4786	MR
1820	410786.3737	3692622.918	1.433	MR
1821	410806.8681	3692632.409	1.4227	MR

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-15.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1822	410827.4021	3692646.344	1.532	MR
1823	410844.632	3692659.758	1.4385	MR
1824	410856.6269	3692679.819	1.6919	MR
1825	410868.9038	3692699.572	1.6673	MR
1826	410882.7239	3692714.7	1.4213	MR
1827	410899.9693	3692728.428	1.9258	MR
1828	410918.5812	3692742.213	1.3243	MR
1829	410934.6212	3692753.529	1.402	MR
1830	410954.6837	3692762.844	1.4683	MR
1831	410974.9365	3692769.252	1.4823	MR
1832	410994.7564	3692780.503	1.634	MR
1833	411005.3801	3692785.609	1.1219	MR
1834	411008.0259	3692787.209	-0.4639	SND
1835	411022.7972	3692802.745	-0.4861	SND
1836	411024.3773	3692804.739	1.3464	MR
1837	411039.6247	3692819.093	1.3077	MR
1838	411044.9067	3692828.062	1.1244	MR
1839	411047.6635	3692830.94	0.3749	SND
1840	411063.4069	3692844.552	0.2292	SND
1841	411070.5387	3692852.143	0.3317	SND
1842	411079.4332	3692862.754	0.4374	SND
1843	411090.4574	3692873.72	0.316	SND
1844	411101.0607	3692880.06	0.1342	SND
1845	411111.1258	3692884.24	0.1376	SND
1846	411113.8312	3692886.804	1.0588	MR
1847	411128.8703	3692891.511	1.5112	MR
1848	411145.0456	3692898.924	1.1235	MR
1849	411148.1273	3692898.968	0.3938	SND
1850	411155.52	3692899.92	0.4385	SND
1851	411175.6763	3692907.716	0.5597	SND
1852	411190.0925	3692913.648	-0.0022	SND
1853	411199.0364	3692921.66	-0.1252	SND
1854	411210.8516	3692935.184	0.0013	SND
1855	411225.2537	3692946.306	0.1934	SND
1856	411239.0878	3692957.687	0.3819	SND
1857	411264.3114	3692980.427	0.4704	SND
1858	411274.821	3692989.486	0.4477	SND
1859	411286.6999	3692999.301	0.5539	SND
1860	411295.5366	3693007.763	0.0252	SND
1861	411306.6573	3693017.821	0.4744	SND
1878	412474.4839	3693871.907	-0.8951	SND
1879	412484.4739	3693877.52	-0.8687	SND
1880	412494.2753	3693884.383	-0.9462	SND
1881	412502.951	3693889.93	-0.7162	SND
1882	412511.1677	3693896.062	-0.5125	SND
1883	412520.0124	3693904.572	-0.6093	SND
1884	412526.366	3693911.934	-0.3064	SND

TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-15.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1885	412534.2666	3693923.399	-0.2066	SND
1886	412543.9847	3693934.238	0.1804	SND
1887	412552.2631	3693941.248	-0.0062	SND
1888	412562.6589	3693949.437	0.3431	SND
1889	412571.1603	3693957.173	0.368	SND
1890	412579.1619	3693965.571	0.2588	SND
1891	412589.1119	3693972.3	0.3295	SND
1892	412598.0178	3693978.966	0.5009	SND
1893	412604.6819	3693987.284	0.2517	SND
1894	412607.075	3693989.679	1.2129	MR
1895	412627.5495	3694000.746	1.4531	MR
1896	412652.6175	3694017.831	1.4406	MR
16703	411875.3	3693452	-3.7	SND
16704	411879.4	3693454.8	-4.1	SND
16705	411883.3	3693457.7	-4.3	SND
16706	411887.4	3693460.4	-4.7	SND
16707	411891.7	3693463.1	-4.8	SND
16708	411895.8	3693465.7	-4.8	SND
16709	411899.9	3693468.5	-4.6	SND
16710	411903.8	3693471.4	-4.4	SND
16711	411907.9	3693474.5	-5	SND
16712	411911.8	3693477.5	-5	SND
16713	411915.6	3693481	-4.5	SND
16714	411919.2	3693484.3	-4.6	SND
16715	411922.9	3693487.5	-4.8	SND
16716	411926.9	3693490.6	-4.7	SND
16717	411930.9	3693493.4	-5	SND
16718	411935	3693496.1	-4.9	SND
16719	411939.1	3693498.9	-4.4	SND
16720	411943.1	3693501.8	-4.4	SND
16721	411947.1	3693504.6	-4.4	SND
16722	411950.9	3693507.9	-3.8	SND
16723	411954.7	3693511.1	-3.7	SND
16724	411958.4	3693514.4	-3.8	SND
16725	411962	3693517.7	-3.9	SND
16726	411965.6	3693521.1	-3.7	SND
16727	411969.2	3693524.6	-3.7	SND
16728	411972.8	3693528.1	-3.6	SND
16729	411976.7	3693531.5	-3.7	SND
16730	411980.5	3693534.7	-3.2	SND
16731	411984.5	3693537.7	-3.1	SND
16732	411988.4	3693540.5	-2.9	SND
16733	411992.5	3693543.2	-3	SND
16734	411996.9	3693545.7	-2.8	SND
16735	412001.3	3693548	-2.7	SND
16736	412005.7	3693550.2	-2.5	SND
16737	412010.1	3693552.4	-2.8	SND



TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-15.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16738	412014.4	3693554.7	-2.4	SND
16739	412018.6	3693557.4	-2.2	SND
16740	412022.8	3693560.2	-2.1	SND
16741	412026.8	3693563.2	-2.3	SND
16742	412030.7	3693566.1	-2.4	SND
16743	412034.8	3693568.8	-2.2	SND
16744	412039.2	3693571.1	-2.1	SND
16745	412044	3693573.5	-2.3	SND
16746	412048.4	3693575.7	-1.9	SND
16747	412052.5	3693578.5	-1.8	SND
16748	412056.6	3693581.4	-2	SND
16749	412060.4	3693584.5	-2	SND
16750	412064.1	3693587.7	-2	SND
16751	412068.2	3693590.7	-2	SND
16752	412072.3	3693593.3	-2	SND
16753	412076.6	3693595.9	-2	SND
16754	412080.8	3693598.4	-1.9	SND
16755	412085.1	3693600.9	-1.9	SND
16756	412089.4	3693603.3	-1.8	SND
16757	412093.9	3693605.6	-1.9	SND
16758	412098.2	3693608	-1.8	SND
16759	412102.4	3693610.6	-1.8	SND
16760	412106.3	3693613.5	-1.9	SND
16761	412110.2	3693616.7	-1.9	SND
16762	412114.1	3693619.8	-1.7	SND
16763	412118.1	3693622.7	-1.8	SND
16764	412122.1	3693625.6	-1.8	SND
16765	412126.2	3693628.5	-1.8	SND
16766	412130.3	3693631.3	-1.8	SND
16767	412134.5	3693634.1	-1.8	SND
16768	412138.5	3693636.9	-1.7	SND
16769	412142.7	3693639.7	-1.7	SND
16770	412146.8	3693642.4	-1.6	SND
16771	412151.3	3693645.5	-1.7	SND
16772	412155.4	3693648.4	-1.6	SND
16773	412159.4	3693651.2	-1.7	SND
16774	412163.3	3693654.3	-1.6	SND
16775	412167.2	3693657.2	-1.5	SND
16776	412171	3693660.4	-1.6	SND
16777	412174.8	3693663.5	-1.7	SND
16778	412178.7	3693666.7	-1.6	SND
16779	412182.7	3693669.8	-1.6	SND
16780	412186.7	3693672.8	-1.6	SND
16781	412190.8	3693675.8	-1.6	SND
16782	412194.8	3693678.7	-1.7	SND
16783	412198.9	3693681.4	-1.6	SND
16784	412203.3	3693684.2	-1.6	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-15.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16785	412207.6	3693686.7	-1.6	SND
16786	412211.9	3693689.1	-1.7	SND
16787	412216.3	3693691.9	-1.8	SND
16788	412220.5	3693694.5	-1.5	SND
16789	412224.6	3693697.3	-1.8	SND
16790	412228.6	3693700.3	-1.9	SND
16791	412232.3	3693703.5	-1.9	SND
16792	412236.1	3693707	-2	SND
16793	412239.7	3693710.4	-2	SND
16794	412243.3	3693713.8	-1.9	SND
16795	412247.2	3693716.9	-2	SND
16796	412251.3	3693720	-2.1	SND
16797	412255.5	3693723.1	-2	SND
16798	412259.4	3693726.1	-2	SND
16799	412263.2	3693729.3	-2.2	SND
16800	412267	3693732.6	-2.2	SND
16801	412270.8	3693735.9	-2	SND
16802	412274.6	3693739.2	-2.2	SND
16803	412278.3	3693742.4	-2.2	SND
16804	412282.2	3693745.6	-2.2	SND
16805	412286.2	3693748.5	-2.3	SND
16806	412290.8	3693751.6	-2.2	SND
16807	412295.1	3693754.2	-2.2	SND
16808	412299.3	3693756.6	-2.2	SND
16809	412303.5	3693759.1	-2.2	SND
16810	412307.7	3693761.8	-2.3	SND
16811	412311.8	3693764.7	-2.3	SND
16812	412315.8	3693767.7	-2.4	SND
16813	412319.7	3693770.7	-2.4	SND
16814	412323.7	3693773.6	-2.3	SND
16815	412327.6	3693776.6	-2.3	SND
16816	412331.7	3693779.6	-2.3	SND
16817	412335.9	3693782.2	-2.2	SND
16818	412340.2	3693784.9	-1.9	SND
16819	412344.3	3693787.6	-1.5	SND
16820	412348.4	3693790.5	-1.6	SND
16821	412353	3693794	-1.1	SND
16822	412358.3	3693798	-1.1	SND
16823	412362.2	3693801	-1.1	SND
16824	412366.1	3693804.1	-1.2	SND
16825	412370.7	3693807.3	-1	SND
16826	412375	3693810.4	-1	SND
16827	412379.2	3693813.5	-1	SND
16828	412383.2	3693816.3	-0.8	SND
16829	412387.4	3693818.9	-0.6	SND
16830	412391.6	3693821.7	-0.7	SND
16831	412395.7	3693824.2	-0.8	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-15.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16832	412400	3693826.7	-0.7	SND
16833	412404.1	3693829.4	-0.7	SND
16834	412408.2	3693832	-0.7	SND
16835	412412.2	3693834.8	-0.6	SND
16836	412415.9	3693837.9	-0.9	SND
16837	412419.4	3693841	-0.9	SND
16838	412422.9	3693844.3	-0.8	SND
16839	412426.5	3693847.4	-1	SND
16840	412430	3693850.3	-1	SND
16841	412433.8	3693853.3	-1.1	SND
16842	412437.6	3693856.2	-0.9	SND
16843	412441.1	3693858.9	-0.9	SND
16844	412444.9	3693861.6	-0.7	SND
16845	412448.7	3693864.1	-1	SND
16846	412452.7	3693866.4	-0.6	SND
16847	412456.6	3693868.7	-0.8	SND
16848	412460.5	3693871.1	-0.5	SND
17182	411879.1	3693441.4	-4.2	SND
17183	411874.9	3693438.8	-4	SND
17184	411871.7	3693435	-3.9	SND
17185	411868.9	3693430.8	-3.9	SND
17186	411866	3693426.7	-3.6	SND
17187	411863	3693422.8	-3.2	SND
17188	411859.9	3693418.8	-2.7	SND
17189	411856.5	3693414.9	-2.5	SND
17190	411853.1	3693411.3	-2.1	SND
17191	411849.1	3693407.8	-1.7	SND
17192	411845.1	3693404.8	-1.6	SND
17193	411840.5	3693402.4	-1.6	SND
17194	411835.8	3693400.8	-1.6	SND
17195	411830.9	3693399.5	-1.5	SND
17196	411825.9	3693398.6	-1.5	SND
17197	411820.8	3693397.8	-1.3	SND
17198	411815.9	3693396.7	-1.3	SND
17199	411810.8	3693395.5	-1.3	SND
17200	411806	3693393.9	-1.2	SND
17201	411801.5	3693391.7	-1.1	SND
17202	411797.4	3693388.9	-0.9	SND
17203	411793.3	3693385.5	-1	SND
17204	411789.7	3693382.1	-1	SND
17205	411786.1	3693378.4	-1	SND
17206	411782.5	3693374.8	-1	SND
17207	411778.9	3693371.1	-0.8	SND
17208	411775.5	3693367.5	-1	SND
17209	411772	3693363.7	-0.9	SND
17210	411768.7	3693360	-0.9	SND
17211	411765.3	3693356.2	-0.9	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-15.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17212	411761.5	3693352.2	-0.7	SND
17213	411758.1	3693348.5	-0.7	SND
17214	411754.7	3693344.8	-0.7	SND
17215	411751.2	3693341.2	-0.8	SND
17216	411747.8	3693337.6	-0.6	SND
17217	411744.3	3693334.1	-0.8	SND
17218	411740.8	3693330.5	-0.8	SND
17219	411737.2	3693327	-0.7	SND
17220	411733.5	3693323.4	-0.7	SND
17221	411729.8	3693320	-0.7	SND
17222	411726	3693316.6	-0.6	SND
17223	411722.2	3693313.2	-0.5	SND
17224	411718.6	3693309.6	-0.6	SND
17225	411715.2	3693305.9	-0.5	SND
17226	411711.6	3693302.1	-0.5	SND
17227	411708.2	3693298.5	-0.4	SND
17228	411704.6	3693294.8	-0.4	SND
17229	411701.1	3693291.3	-0.4	SND
17230	411697.8	3693287.7	-0.4	SND
17231	411694.5	3693283.9	-0.3	SND
17232	411691.1	3693279.9	-0.3	SND
17233	411687.9	3693276	-0.3	SND
17234	411684.6	3693272.1	-0.3	SND
17235	411681.4	3693268.3	-0.3	SND
17236	411678	3693264.5	-0.3	SND
17237	411674.6	3693260.9	-0.4	SND
17238	411671	3693257.4	-0.3	SND
17239	411667.2	3693253.9	-0.3	SND
17240	411663.4	3693250.5	-0.3	SND
17241	411659.5	3693247.3	-0.3	SND
17242	411655.5	3693244.2	-0.3	SND
17243	411651.3	3693241.4	-0.3	SND
17244	411646.9	3693238.9	-0.4	SND
17245	411642.5	3693236.6	-0.5	SND
17246	411637.8	3693234.5	-0.4	SND
17247	411633.2	3693232.6	-0.5	SND
17248	411628.6	3693230.5	-0.4	SND
17249	411624	3693228.5	-0.4	SND
17250	411619.3	3693226.3	-0.7	SND
17251	411614.6	3693224.1	-1.1	SND
17252	411610.1	3693221.8	-1.3	SND
17253	411605.8	3693219.2	-1.3	SND
17254	411601.7	3693216.4	-1.4	SND
17255	411597.6	3693213.3	-1.5	SND
17256	411593.5	3693210.1	-1.7	SND
17257	411589.5	3693207	-1.3	SND
17258	411585.3	3693203.9	-1.9	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-15.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17259	411581.1	3693201.1	-1.5	SND
17260	411576.8	3693198.4	-1.4	SND
17261	411572.4	3693195.9	-1.5	SND
17262	411567.7	3693193.8	-1.4	SND
17263	411563	3693192	-1.4	SND
17264	411558	3693190.3	-1.3	SND
17265	411553.1	3693188.7	-1.2	SND
17266	411548.4	3693187.2	-1.1	SND
17267	411543.6	3693185.6	-1.1	SND
17268	411538.9	3693183.9	-1.1	SND
17269	411534.2	3693181.9	-0.9	SND
17270	411529.8	3693179.5	-1	SND
17271	411525.4	3693176.4	-1	SND
17272	411521.5	3693173.2	-1.2	SND
17273	411517.8	3693169.5	-1.1	SND
17274	411514.4	3693165.9	-1.1	SND
17275	411511	3693162.3	-1.2	SND
17276	411507.3	3693158.3	-1.1	SND
17277	411503.9	3693154.6	-1.2	SND
17278	411500.5	3693150.9	-1.1	SND
17279	411496.9	3693147.2	-1.2	SND
17280	411493.4	3693143.5	-1.1	SND
17281	411489.4	3693139.6	-0.9	SND
17282	411485.7	3693136.1	-1.4	SND
17283	411481.7	3693132.9	-1.1	SND
17284	411477.6	3693130	-1	SND
17285	411473.2	3693127.3	-1	SND
17286	411468.7	3693125	-0.8	SND
17287	411464.1	3693122.8	-1	SND
17288	411459.3	3693120.6	-1.1	SND
17289	411454.6	3693118.4	-1.2	SND
17290	411449.9	3693116	-1.1	SND
17291	411445.1	3693113.2	-1.1	SND
17292	411441.1	3693110.3	-0.9	SND
17293	411437.2	3693107.3	-1	SND
17294	411433.4	3693104.1	-1	SND
17295	411429.6	3693100.7	-1.2	SND
17296	411425.9	3693097.4	-1.1	SND
17297	411422.2	3693094	-1.2	SND
17298	411418.4	3693090.5	-1	SND
17299	411414.6	3693087	-0.8	SND
17300	411410.9	3693083.5	-1.1	SND
17301	411407.2	3693080	-1.1	SND
17302	411403.5	3693076.6	-1.1	SND
17303	411399.7	3693073.2	-0.8	SND
17304	411396	3693069.9	-0.3	SND
17305	411392.2	3693066.6	-0.8	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-15.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17306	411388.3	3693063.2	-0.9	SND
17307	411384.3	3693060.1	-0.4	SND
17308	411380.3	3693057.1	-0.4	SND
17309	411376.2	3693054.2	-0.3	SND
17310	411372.1	3693051.2	-0.3	SND
17311	411367.9	3693048.4	-0.2	SND
17312	411363.4	3693045.4	-0.2	SND
17313	411358.8	3693042.6	-0.1	SND
17314	411353.9	3693039.5	-0.2	SND
17315	411348.9	3693035.9	0	SND
17316	411345.1	3693032.6	-0.1	SND
17317	411341.2	3693028.7	-0.2	SND
17318	411337.4	3693024.9	0.1	SND
17319	411331.6	3693020	0.1	SND
17320	411327.3	3693017.3	0.2	SND
17321	411322.4	3693014.5	0.1	SND
17322	411317.5	3693012.2	-0.1	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-16.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1670	411303.1321	3693492.334	-0.9552	SND
1671	411286.8703	3693484.434	-0.6358	SND
1672	411269.9023	3693476.985	-0.3622	SND
1673	411252.2397	3693470.237	-0.5264	SND
1674	411235.7915	3693463.704	-0.4642	SND
1675	411219.1665	3693455.942	-0.17	SND
1676	411205.315	3693449.653	0.056	SND
1677	411191.9928	3693443.291	0.1028	SND
1678	411180.1613	3693437.855	0.412	SND
1679	411157.5792	3693421.036	0.5024	SND
1680	411149.8075	3693412.886	0.4975	SND
1681	411141.6575	3693402.464	0.4187	SND
1682	411129.7082	3693387.322	0.5151	SND
1683	411127.6816	3693385.071	1.2644	MR
1684	411119.5025	3693379.885	1.257	MR
1685	411102.3625	3693354.612	0.5591	SND
1686	411089.6488	3693345.095	0.4356	SND
1687	411082.3784	3693341.45	0.404	SND
1688	411070.7312	3693333.73	0.274	SND
1689	411061.3884	3693326.868	0.0351	SND
1690	411051.0937	3693319.216	-0.0101	SND
1691	411037.8552	3693309.011	0.4335	SND
1692	411025.4294	3693299.257	0.6606	SND
1693	411015.8479	3693289.623	0.745	SND
1694	411005.9635	3693281.412	0.7566	SND
1695	410995.4154	3693275.629	0.4154	SND
1696	410984.8925	3693270.179	0.273	SND
1697	410973.8507	3693264.544	0.5854	SND
1698	410966.5243	3693260.181	0.5268	SND
1699	410956.8309	3693255.449	0.4978	SND
1700	410945.3352	3693249.375	0.1746	SND
1701	410943.5514	3693249.168	1.4673	MR
1702	410927.341	3693239.495	1.8877	MR
1703	410908.1624	3693223.246	1.3421	MR
1704	410893.0847	3693210.693	1.2981	MR
1705	410878.6072	3693194.874	1.3375	MR
1706	410857.538	3693178.277	1.5735	MR
1707	410843.2378	3693164.667	1.5142	MR
1708	410826.8845	3693152.187	1.5508	MR
1709	410809.4037	3693136.627	1.7139	MR
1710	410789.6848	3693119.863	1.5926	MR
1711	410775.5629	3693110.067	1.1783	MR
1712	410762.6893	3693103.558	1.5512	MR
1713	410741.4153	3693092.33	1.5561	MR
1714	410723.1596	3693084.945	1.6516	MR
1715	410702.8997	3693072.945	1.3813	MR
1716	410680.8037	3693061.437	1.6954	MR

# TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-16.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1717	410655.0987	3693052.492	1.9156	MR
1718	410650.9153	3693051.166	0.7811	SND
1719	410640.2512	3693045.821	0.0108	SND
1720	410622.3046	3693036.205	-0.2987	SND
1721	410607.5018	3693025.182	-0.4652	SND
1722	410586.409	3693010.393	-0.5182	SND
1723	410560.8226	3692993.466	-0.4634	SND
1724	410538.9463	3692979.868	-0.7082	SND
1725	410523.8604	3692966.545	-0.7374	SND
1726	410512.6222	3692954.003	-0.5976	SND
1727	410489.2888	3692929.161	-0.7825	SND
1728	410476.8473	3692916.911	-0.6881	SND
1729	410463.3319	3692905.652	-0.5899	SND
1730	410449.538	3692894.477	-0.5665	SND
1731	410436.8982	3692883.505	-0.7089	SND
1732	410418.4055	3692868.859	-0.7225	SND
1733	410402.3779	3692857.7	-0.7631	SND
1734	410387.8061	3692847.017	-0.6618	SND
1735	410374.5459	3692836.323	-0.6719	SND
1736	410364.3483	3692826.641	-0.6316	SND
1737	410352.029	3692815.289	-0.6084	SND
1738	410338.0667	3692803.013	-0.7672	SND
1739	410325.5297	3692791.149	-0.6989	SND
1740	410313.5145	3692779.062	-0.4152	SND
1741	410301.6478	3692768.513	-0.6148	SND
1742	410289.8929	3692757.682	-0.7372	SND
1743	410277.396	3692747.797	-0.6887	SND
1744	410265.4749	3692738.909	-0.6742	SND
1745	410250.5975	3692728.706	-0.6475	SND
1746	410237.1486	3692718.957	-0.6692	SND
1747	410223.0411	3692708.465	-0.7346	SND
1748	410207.7667	3692697.539	-0.8011	SND
1749	410191.5538	3692687.266	-0.7942	SND
1750	410170.0889	3692675.61	-0.8045	SND
1751	410155.6169	3692667.17	-1.3495	SND
1752	410142.8574	3692658.188	-1.2376	SND
1753	410129.8354	3692648.252	-1.3421	SND
1754	410116.4211	3692636.657	-1.2665	SND
1755	410103.2006	3692624.386	-1.6004	SND
1756	410086.3012	3692610.941	-1.4026	SND
1757	410073.1882	3692601.474	-1.5304	SND
1758	410060.2916	3692591.264	-1.5301	SND
1759	410044.128	3692579.572	-1.4978	SND
1760	410032.0089	3692571.009	-1.3331	SND
1761	410020.3878	3692560.961	-1.2308	SND
1762	410007.4646	3692550.295	-1.1116	SND
1763	409990.5666	3692536.355	-0.9266	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-16.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1764	409972.8393	3692522.999	-1.3941	SND
1765	409959.0838	3692512.961	-1.2571	SND
1766	409944.3707	3692503.404	-1.3897	SND
1767	409929.7304	3692492.639	-1.304	SND
1768	409925.2328	3692491.291	-1.3676	SND
5609	412208.3972	3694166.986	1.782	MR
5610	412201.104	3694158.571	1.644	MR
5611	412191.669	3694154.354	1.881	MR
5612	412181.586	3694148.483	1.708	MR
5613	412167.045	3694141.239	1.719	MR
5614	412153.994	3694133.02	2.452	MR
5615	412137.147	3694125.164	1.798	MR
5616	412128.992	3694121.065	1.655	MR
5617	412127.606	3694120.18	1.077	SND
5618	412123.443	3694114.577	-0.344	SND
5619	412118.582	3694108.318	-0.732	SND
5620	412108.219	3694099.603	-0.967	SND
5621	412094.158	3694086.613	-1.037	SND
5624	412072.636	3694072.12	-1.034	SND
5625	412086.747	3694083.255	-1.16	SND
16871	411891	3693910.8	-0.9	SND
16872	411887.6	3693907.8	-1	SND
16873	411883.9	3693905	-1	SND
16874	411880	3693902.4	-1	SND
16875	411876.2	3693899.8	-1.1	SND
16876	411872.7	3693897.1	-1.3	SND
16877	411868.7	3693894.5	-1.2	SND
16878	411865	3693892	-1.2	SND
16879	411861.3	3693889.3	-1.5	SND
16880	411857.9	3693886.2	-1.5	SND
16881	411854.4	3693883.1	-2.4	SND
16882	411850.9	3693880	-1.7	SND
16883	411847.1	3693877.2	-1.7	SND
16884	411843.1	3693874.9	-2.5	SND
16885	411838.7	3693873.3	-2.1	SND
16886	411834.1	3693872	-1.8	SND
16887	411829.4	3693871	-1.7	SND
16888	411824.9	3693869.7	-1.8	SND
16889	411820.4	3693868.4	-2	SND
16890	411816	3693867.1	-2.2	SND
16891	411811.7	3693865.5	-2.4	SND
16892	411807.5	3693863.7	-2.5	SND
16893	411803.2	3693861.9	-3	SND
16894	411799.3	3693859.4	-3	SND
16895	411795.3	3693857	-3	SND
16896	411791.5	3693854.5	-3.1	SND
16897	411788.4	3693851.4	-3.1	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-16.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16898	411785	3693848.5	-3.1	SND
16899	411781.7	3693845.1	-3.3	SND
16900	411778.5	3693841.9	-3.5	SND
16901	411775.4	3693838.5	-3.4	SND
16902	411772.3	3693835	-3.7	SND
16903	411769	3693831.6	-3.6	SND
16904	411765.9	3693828.1	-3.6	SND
16905	411762.7	3693824.5	-3.8	SND
16906	411759.8	3693820.7	-4	SND
16907	411756.9	3693817.1	-4.4	SND
16908	411753.6	3693813.5	-4.7	SND
16909	411750.1	3693810.1	-4.6	SND
16910	411746.4	3693807.1	-4.5	SND
16911	411742.4	3693804.7	-4.2	SND
16912	411738.2	3693802.7	-4.1	SND
16913	411733.8	3693801.1	-3.9	SND
16914	411729	3693800.7	-4.1	SND
16915	411724.1	3693800.8	-4.2	SND
16916	411719.2	3693801.3	-3.8	SND
16917	411714.3	3693801.4	-4	SND
16918	411709.6	3693800.5	-3.4	SND
16919	411705.4	3693798.7	-3.4	SND
16920	411701.4	3693796.8	-3.3	SND
16921	411697.6	3693794.5	-3.2	SND
16922	411693.8	3693792.1	-3.1	SND
16923	411690	3693789.4	-2.6	SND
16924	411686.2	3693786.6	-2.8	SND
16925	411682.6	3693783.8	-2.6	SND
16926	411678.9	3693781	-2.4	SND
16927	411675.4	3693778.1	-2.5	SND
16928	411671.9	3693774.9	-2.2	SND
16929	411668.4	3693771.7	-1.9	SND
16930	411665.1	3693768.5	-1.6	SND
16931	411661.7	3693765.2	-1.6	SND
16932	411658.3	3693762	-1.5	SND
16933	411655.1	3693758.5	-1.5	SND
16934	411652	3693754.9	-1.4	SND
16935	411648.9	3693751.3	-1.6	SND
16936	411645.6	3693747.9	-1.6	SND
16937	411642.2	3693744.6	-1.4	SND
16938	411638.9	3693741.3	-1.6	SND
16939	411635.4	3693738.1	-1.5	SND
16940	411631.9	3693735.1	-1.5	SND
16941	411628.7	3693731.8	-1.4	SND
16942	411625.5	3693728.3	-1.6	SND
16943	411622.5	3693724.8	-1.5	SND
16944	411619.3	3693721.5	-1.5	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-16.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16945	411615.8	3693718.3	-1.2	SND
16946	411612	3693715.5	-1.3	SND
16947	411608.3	3693712.7	-1.5	SND
16948	411604.3	3693710.3	-1.5	SND
16949	411600.1	3693708.3	-1.4	SND
16950	411595.9	3693706.5	-1.5	SND
16951	411591.4	3693705	-1.3	SND
16952	411587	3693703.5	-1.2	SND
16953	411582.5	3693702	-1.3	SND
16954	411578.1	3693700.3	-1.4	SND
16955	411573.7	3693698.8	-1.4	SND
16956	411569.3	3693697.2	-1.5	SND
16957	411565	3693695.4	-1.5	SND
16958	411561.1	3693693.1	-1.5	SND
16959	411557.4	3693690.5	-1.5	SND
16960	411553.9	3693687.6	-1.2	SND
16961	411550.3	3693684.6	-1.1	SND
16962	411547.1	3693681.3	-1.2	SND
16963	411543.7	3693678	-1.2	SND
16964	411540.5	3693674.7	-1	SND
16965	411537.1	3693671.6	-1	SND
16966	411533.6	3693668.4	-1	SND
16967	411530.1	3693665	-0.9	SND
16968	411526.8	3693661.8	-1.1	SND
16969	411523.4	3693658.6	-0.9	SND
16970	411519.8	3693655.8	-1	SND
16971	411516.2	3693653.1	-1	SND
16972	411512.3	3693650.6	-1	SND
16973	411508.4	3693648.2	-1	SND
16974	411504.3	3693646	-1	SND
16975	411500.2	3693643.8	-1.1	SND
16976	411496	3693641.8	-1.1	SND
16977	411491.7	3693639.9	-1.1	SND
16978	411487.4	3693638.2	-1.2	SND
16979	411483.2	3693636.6	-1	SND
16980	411479	3693634.7	-1.3	SND
16981	411474.6	3693632.7	-1.1	SND
16982	411470.5	3693630.4	-1.2	SND
16983	411466.5	3693628.2	-1	SND
16984	411462.6	3693625.6	-1	SND
16985	411459	3693623	-1	SND
16986	411455.3	3693620.5	-1.1	SND
16987	411451.3	3693617.9	-0.9	SND
16988	411447.4	3693615.3	-0.9	SND
16989	411444	3693612.1	-0.9	SND
16990	411441.2	3693608.5	-1	SND
16991	411438.6	3693604.7	-1	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-16.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
16992	411435.5	3693601.2	-1.1	SND
16993	411432.1	3693597.8	-1.1	SND
16994	411428.8	3693594.5	-1.1	SND
16995	411425.5	3693591.2	-1	SND
16996	411422.2	3693588	-1.2	SND
16997	411419	3693584.5	-1	SND
16998	411415.9	3693581.1	-1	SND
16999	411413	3693577.4	-1.2	SND
17000	411410.1	3693573.7	-1.1	SND
17001	411406.9	3693570.1	-1.1	SND
17002	411403.6	3693566.6	-1.1	SND
17003	411400.3	3693563.3	-1.1	SND
17004	411396.8	3693560.2	-1.1	SND
17005	411393	3693557.3	-1	SND
17006	411389.2	3693554.6	-1.1	SND
17007	411385.6	3693551.9	-0.9	SND
17008	411381.8	3693549.2	-0.9	SND
17009	411378.5	3693546	-1.1	SND
17010	411374.9	3693542.4	-1.1	SND
17011	411371.8	3693538.9	-1.1	SND
17012	411368.5	3693535.7	-1.1	SND
17013	411365.1	3693532.5	-1	SND
17014	411361.5	3693529.5	-0.9	SND
17015	411357.4	3693526.7	-0.9	SND
17016	411353.6	3693524	-0.7	SND
17017	411349.5	3693521.7	-0.8	SND
17018	411345.4	3693519.5	-0.8	SND
17019	411340.9	3693517.6	-0.7	SND
17020	411336.6	3693515.2	-0.7	SND
17021	411332.5	3693513.1	-0.8	SND
17022	411328	3693511.3	-0.7	SND
17023	411323.5	3693509.3	-0.9	SND
17024	411319.5	3693507.2	-1	SND
17025	411315.4	3693504.9	-0.7	SND
17026	411311.6	3693502.1	-0.8	SND
17027	411307.8	3693499.3	-0.9	SND
17028	411304	3693496.4	-0.9	SND
17029	411300.6	3693493.3	-0.7	SND
17030	411297.5	3693490.1	-0.7	SND
17031	411295.1	3693486.1	-0.8	SND
17037	411885	3693932.6	-0.9	SND
17038	411888	3693936.6	-0.9	SND
17039	411891.2	3693940.5	-0.9	SND
17040	411894.3	3693944.5	-0.9	SND
17041	411897.7	3693948.1	-0.8	SND
17042	411901.1	3693951.7	-1	SND
17043	411904.9	3693954.9	-0.9	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-16.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17044	411908.9	3693958.1	-0.9	SND
17045	411913	3693961	-0.9	SND
17046	411917.1	3693963.9	-0.9	SND
17047	411921.2	3693966.7	-0.8	SND
17048	411925.1	3693970	-0.8	SND
17049	411928.5	3693973.6	-0.7	SND
17050	411931.6	3693977.4	-0.8	SND
17051	411934.5	3693981.3	-0.8	SND
17052	411937.1	3693985.3	-0.8	SND
17053	411941.3	3693992.6	-0.8	SND
17054	411943.9	3693996.9	-0.6	SND
17055	411946.9	3694000.8	-0.5	SND
17056	411950	3694004.5	-0.5	SND
17057	411953.4	3694008	-0.4	SND
17058	411957	3694011.1	-0.4	SND
17059	411960.9	3694014.2	-0.4	SND
17060	411964.8	3694017.1	-0.4	SND
17061	411968.9	3694019.4	-0.5	SND
17062	411973.1	3694021.7	-0.4	SND
17063	411977.3	3694024.2	-0.4	SND
17064	411981.6	3694026.6	-0.3	SND
17065	411986	3694028.8	-0.4	SND
17066	411990.4	3694030.5	-0.3	SND
17067	411994.6	3694032.8	-0.5	SND
17068	411999.1	3694034.7	-0.5	SND
17069	412003.7	3694036.2	-0.6	SND
17070	412008.2	3694037.8	-0.5	SND
17071	412012.5	3694039.6	-0.5	SND
17072	412016.7	3694041.8	-0.5	SND
17073	412020.4	3694044.6	-0.5	SND
17074	412023.7	3694047.4	-0.5	SND
17075	412026.8	3694050.7	-0.6	SND
17076	412029.8	3694054.1	-0.7	SND
17077	412032.8	3694057.7	-0.8	SND
17078	412035.6	3694061.4	-0.7	SND
17079	412038	3694065.3	-1	SND
17080	412040.2	3694069.8	-0.8	SND
17081	412042.3	3694074.1	-1	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-17.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1519	409676.7778	3692819.804	-0.0167	SND
1520	409684.9913	3692825.833	-0.1229	SND
1521	409692.0747	3692831.413	-0.1046	SND
1522	409702.7049	3692840.837	-0.3477	SND
1523	409712.8694	3692850.671	-0.5873	SND
1524	409724.8465	3692863.862	-0.4689	SND
1525	409736.1124	3692874.996	-0.4661	SND
1526	409747.7894	3692887.89	-0.607	SND
1527	409760.7032	3692902.454	-0.5899	SND
1528	409778.1933	3692915.161	-0.1978	SND
1529	409790.5497	3692922.008	-0.6931	SND
1530	409803.9636	3692930.356	-0.9249	SND
1531	409815.7148	3692938.98	-1.0971	SND
1532	409830.5579	3692949.111	-1.0298	SND
1533	409843.1724	3692957.808	-0.9785	SND
1534	409863.352	3692970.774	-0.9168	SND
1535	409876.4022	3692978.491	-1.0486	SND
1536	409890.2742	3692986.437	-1.0315	SND
1537	409903.1434	3692992.675	-1.0801	SND
1538	409916.5265	3692999.828	-0.9734	SND
1539	409929.7816	3693005.816	-1.0507	SND
1540	409941.3878	3693011.076	-1.0388	SND
1541	409951.9373	3693015.9	-1.0783	SND
1542	409964.826	3693022.654	-1.0726	SND
1543	409976.8496	3693028.193	-0.8362	SND
1544	409991.0927	3693034.395	-1.0129	SND
1545	410004.8071	3693041.312	-1.0382	SND
1546	410019.743	3693048.379	-0.9866	SND
1547	410034.1621	3693054.742	-0.9583	SND
1548	410049.0037	3693059.915	-0.9271	SND
1549	410061.6968	3693064.697	-0.941	SND
1550	410073.7984	3693070.76	-0.9699	SND
1551	410089.0656	3693079.473	-0.8704	SND
1552	410103.8486	3693086.405	-0.8654	SND
1553	410117.8109	3693096.258	-0.912	SND
1554	410131.8989	3693108.544	-0.874	SND
1555	410146.7555	3693123.134	-0.9102	SND
1556	410159.7038	3693137.481	-0.8576	SND
1557	410172.0739	3693150.728	-0.7701	SND
1558	410183.0539	3693162.085	-0.889	SND
1559	410196.5727	3693176.058	-0.9609	SND
1560	410209.5048	3693190.081	-0.8872	SND
1561	410223.9519	3693205	-0.8469	SND
1562	410237.8325	3693219.899	-0.8856	SND
1563	410252.0561	3693233.188	-0.5611	SND
1564	410267.7428	3693248.256	-0.9489	SND
1565	410281.7462	3693261.765	-0.609	SND

# TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-17.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1566	410296.6698	3693277.537	0.2856	SND
1567	410299.0731	3693280.654	0.9695	MR
1568	410307.2749	3693291.411	1.308	MR
1569	410309.2152	3693293.964	0.434	SND
1570	410316.3454	3693305.148	-0.0739	SND
1571	410321.3527	3693315.304	-0.2024	SND
1572	410326.6986	3693325.06	-0.3449	SND
1573	410336.7492	3693339.12	-0.3133	SND
1574	410348.9411	3693347.055	-0.3864	SND
1575	410358.8746	3693352.507	-0.5447	SND
1576	410369.411	3693357.875	-0.3789	SND
1577	410382.0468	3693363.15	-0.2936	SND
1578	410393.1665	3693368.169	-0.2983	SND
1579	410407.4558	3693373.708	-0.0688	SND
1580	410422.0027	3693377.802	-0.194	SND
1581	410433.4641	3693382.438	-0.4087	SND
1582	410451.9872	3693389.412	0.0101	SND
1583	410462.1284	3693394.051	-0.118	SND
1584	410474.6115	3693400.478	0.0522	SND
1585	410485.9475	3693407.047	0.0577	SND
1586	410494.6692	3693412.56	0.0073	SND
1587	410504.4723	3693419.504	0.1576	SND
1588	410513.4917	3693426.912	-0.1688	SND
1589	410526.075	3693437.835	-0.1814	SND
1590	410535.9659	3693445.628	-0.0305	SND
1591	410547.5336	3693454.431	0.2774	SND
1592	410558.5027	3693463.11	-0.1208	SND
1593	410569.4801	3693471.936	-0.0787	SND
1594	410577.8606	3693482.243	0.1337	SND
1595	410581.0546	3693484.122	1.1728	MR
1596	410595.1007	3693495.05	1.4387	MR
1597	410598.2035	3693498.452	0.2784	SND
1598	410613.1122	3693513.195	0.4961	SND
1599	410623.1867	3693525.504	0.6001	SND
1600	410629.5871	3693532.939	0.5652	SND
1601	410638.8449	3693543.376	0.5297	SND
1602	410648.1801	3693554.831	0.3981	SND
1603	410655.7283	3693561.52	0.4466	SND
1604	410666.7722	3693568.867	0.5917	SND
1605	410678.6441	3693575.083	0.5872	SND
1606	410703.6616	3693590.711	0.6373	SND
1607	410704.4688	3693592.289	1.1815	MR
1608	410718.4227	3693602.8	1.562	MR
1609	410735.5012	3693612.378	1.2305	MR
1610	410737.5868	3693612.934	0.2079	SND
1611	410743.2955	3693616.252	0.0474	SND
1612	410752.4129	3693623.992	0.0079	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-17.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
1613	410760.7263	3693630.595	-0.1207	SND
1614	410770.8332	3693639.255	-0.0187	SND
1615	410783.272	3693648.105	0.3286	SND
1616	410797.3837	3693655.846	0.4013	SND
1617	410809.7114	3693662.26	0.032	SND
1618	410819.8975	3693667.441	0.1631	SND
1619	410829.9974	3693672.773	0.1845	SND
1620	410852.5482	3693684.197	0.1064	SND
1621	410863.5945	3693688.876	0.1175	SND
1622	410872.136	3693693.381	0.1317	SND
1623	410880.9589	3693699.679	0.1613	SND
1624	410889.5289	3693705.926	0.2018	SND
1625	410897.9391	3693711.588	0.2475	SND
1626	410906.7296	3693716.98	0.0715	SND
1627	410915.1816	3693723.447	0.1671	SND
1628	410924.5875	3693730.543	0.1651	SND
1629	410933.0787	3693736.073	0.136	SND
1630	410951.4969	3693746.009	0.233	SND
1631	410959.4633	3693750.304	0.2277	SND
1632	410967.4097	3693757.568	0.2668	SND
1633	410968.4715	3693758.018	1.4524	MR
1634	410983.8386	3693765.742	1.617	MR
1635	411000.0759	3693776.34	1.4141	MR
1636	411019.4164	3693790.133	1.5274	MR
1637	411028.8136	3693804.967	1.8567	MR
1638	411048.0466	3693818.625	1.1922	MR
1639	411050.201	3693820.767	0.6295	SND
1640	411056.7547	3693828.342	0.43	SND
1641	411069.8452	3693846.297	0.4936	SND
1642	411071.6744	3693848.757	1.105	MR
1643	411086.4074	3693863.171	1.5163	MR
1644	411101.4143	3693882.061	1.6107	MR
1645	411120.4599	3693900.529	1.0526	MR
1646	411137.3086	3693919.085	1.1139	MR
1647	411139.5916	3693920.894	-0.7016	SND
1648	411145.2464	3693925.977	-0.9043	SND
1650	411617.0879	3694254.362	-0.4048	SND
1651	411631.525	3694265.437	-0.3795	SND
1652	411645.714	3694275.459	-0.3324	SND
1653	411661.9983	3694286.033	-0.3307	SND
1654	411677.0281	3694294.564	-0.3218	SND
1655	411689.8954	3694302.649	-0.1959	SND
1656	411698.8932	3694311.418	-0.3109	SND
1657	411701.7647	3694313.584	1.0248	MR
1658	411718.7023	3694323.497	1.8183	MR
1659	411734.7933	3694332.026	1.5611	MR
1660	411759.6065	3694348.453	1.4805	MR

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-17.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5596	411535.737	3694183.225	-1.014	SND
5597	411539.373	3694191.844	-0.832	SND
5598	411543.837	3694200.171	-0.789	SND
5599	411549.129	3694206.944	-0.443	SND
5600	411554.563	3694213.025	-0.465	SND
5601	411560.747	3694218.024	-0.391	SND
5602	411567.928	3694222.273	-0.749	SND
5603	411574.516	3694227.052	-0.57	SND
5604	411581.12	3694232.808	-0.46	SND
5605	411589.059	3694240.516	-0.545	SND
5606	411596.847	3694247.532	-0.246	SND
5607	411606.604	3694254.216	-0.822	SND
17084	411534.8	3694173.6	-1	SND
17085	411530.3	3694171.5	-1.2	SND
17086	411525.7	3694170.1	-1.7	SND
17087	411521.1	3694168.5	-1.9	SND
17088	411516.8	3694166.4	-1.8	SND
17089	411512.7	3694163.7	-2.2	SND
17090	411508.7	3694160.7	-2.1	SND
17091	411504.6	3694157.9	-2	SND
17092	411500.4	3694155.2	-2.2	SND
17093	411496.2	3694152.4	-2.2	SND
17094	411492	3694149.7	-2.3	SND
17095	411487.7	3694147.2	-2.6	SND
17096	411483.4	3694144.8	-2.9	SND
17097	411479.2	3694142.3	-3.6	SND
17098	411474.9	3694139.8	-3.9	SND
17099	411470.6	3694137.2	-4.4	SND
17100	411466.4	3694134.4	-4.8	SND
17101	411462.4	3694131.6	-5	SND
17102	411458.3	3694128.6	-5.1	SND
17103	411454.4	3694125.4	-5.3	SND
17104	411450.6	3694122.2	-5.6	SND
17105	411446.7	3694119.2	-5.7	SND
17106	411442.8	3694116.4	-5.9	SND
17107	411438.7	3694113.6	-5.9	SND
17108	411434.6	3694110.7	-5.9	SND
17109	411430.4	3694108	-6	SND
17110	411426.1	3694105.2	-6	SND
17111	411421.9	3694102.5	-6.2	SND
17112	411417.7	3694099.6	-5.9	SND
17113	411413.7	3694096.6	-5.8	SND
17114	411409.7	3694093.6	-5.9	SND
17115	411405.9	3694090.4	-5.4	SND
17116	411401.9	3694087.1	-5.4	SND
17117	411397.9	3694083.9	-5.2	SND
17118	411394	3694080.9	-5.5	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-17.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17119	411390.2	3694077.7	-4.8	SND
17120	411386.2	3694074.6	-4.9	SND
17121	411382.1	3694071.6	-4.7	SND
17122	411377.7	3694068.9	-4.2	SND
17123	411373.6	3694066.1	-4.3	SND
17124	411369.3	3694063.4	-3.7	SND
17125	411365.1	3694060.7	-3.4	SND
17126	411360.9	3694058	-3.6	SND
17127	411356.5	3694055.5	-3.7	SND
17128	411352.1	3694053.1	-3.6	SND
17129	411347.6	3694050.8	-3.5	SND
17130	411343.2	3694048.6	-3.1	SND
17131	411338.6	3694046.6	-3.3	SND
17132	411334	3694044.6	-2.7	SND
17133	411329.5	3694042.6	-2.3	SND
17134	411325	3694040.5	-2.2	SND
17135	411320.5	3694038.2	-2.2	SND
17136	411316.1	3694035.8	-2.4	SND
17137	411311.6	3694033.4	-2	SND
17138	411306.9	3694031.8	-1.9	SND
17139	411302	3694031	-2.1	SND
17140	411297.1	3694030.3	-1.7	SND
17141	411292.4	3694029	-1.7	SND
17142	411288	3694026.7	-1.7	SND
17143	411284.1	3694023.6	-1.6	SND
17144	411280.3	3694020.3	-1.6	SND
17145	411276.5	3694017	-1.6	SND
17146	411272.5	3694014.1	-1.5	SND
17147	411268.3	3694011.2	-1.5	SND
17148	411264.3	3694008.3	-1.4	SND
17149	411260.4	3694005.3	-1.4	SND
17150	411256.7	3694002	-1.4	SND
17151	411253.4	3693998.4	-1.5	SND
17152	411250.4	3693994.4	-1.5	SND
17153	411247.7	3693990.1	-1.4	SND
17154	411245.4	3693985.8	-1.4	SND
17155	411243.2	3693981.4	-1.3	SND
17156	411240.9	3693977.1	-1.4	SND
17157	411238.6	3693972.7	-1.4	SND
17158	411236	3693968.4	-1.3	SND
17159	411233.3	3693964.2	-1.3	SND
17160	411230.5	3693960.1	-1.4	SND
17161	411227.7	3693956	-1.3	SND
17162	411224.5	3693951.9	-1.4	SND
17163	411221.8	3693947.8	-1.5	SND
17164	411219.1	3693943.6	-1.3	SND
17165	411216.5	3693939.3	-1.3	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-17.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17166	411213.9	3693935	-1.2	SND
17167	411210.8	3693930.3	-1.2	SND
17168	411207.1	3693925.5	-1.2	SND
17169	411203.9	3693921.7	-1	SND
17170	411200.7	3693917.9	-1.2	SND
17171	411197.6	3693913.8	-1.2	SND
17172	411194.8	3693909.5	-1.2	SND
17173	411192.4	3693905.2	-1.2	SND
17174	411190	3693900.7	-1.3	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-18.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3064	409437.3068	3693136.144	1.2655	MR
3066	409443.5362	3693145.695	1.5552	MR
3067	409460.0406	3693153.757	1.3032	MR
3068	409461.4732	3693154.746	0.277	SND
3069	409473.9622	3693157.442	0.3462	SND
3070	409483.0407	3693165.041	0.1154	SND
3071	409488.0675	3693169.466	0.0735	SND
3072	409495.4517	3693175.152	0.1464	SND
3073	409505.3757	3693182.724	0.0957	SND
3074	409515.0403	3693191.94	-0.1773	SND
3075	409524.2011	3693200.372	-0.2346	SND
3076	409543.9404	3693210.931	-0.002	SND
3077	409556.3505	3693217.758	0.0314	SND
3078	409566.363	3693226.524	-0.0899	SND
3079	409576.6158	3693234.533	-0.1849	SND
3080	409586.8654	3693242.337	-0.352	SND
3081	409599.9605	3693251.277	-0.4194	SND
3082	409612.352	3693258.857	-0.5071	SND
3083	409626.5919	3693268.803	-0.5613	SND
3084	409639.5484	3693279.403	-0.6422	SND
3085	409652.3386	3693290.669	-0.6569	SND
3086	409666.0229	3693301.462	-0.6653	SND
3087	409680.3679	3693312.096	-0.6851	SND
3088	409695.3817	3693323.029	-0.707	SND
3089	409710.6086	3693334.085	-0.652	SND
3090	409725.8263	3693346.457	-0.6467	SND
3091	409739.3758	3693358.074	-0.6432	SND
3092	409752.0695	3693368.481	-0.6233	SND
3093	409764.4611	3693377.714	-0.6114	SND
3094	409785.2347	3693382.541	-0.8214	SND
3095	409793.2205	3693385.019	-0.7335	SND
3096	409801.2862	3693391.753	-0.6626	SND
3097	409810.7235	3693401.562	-0.67	SND
3098	409820.5226	3693412.832	-0.6727	SND
3099	409831.4643	3693424.157	-0.7124	SND
3100	409840.8318	3693435.644	-0.7351	SND
3101	409851.0999	3693447.152	-0.7112	SND
3102	409862.6236	3693459.368	-0.6699	SND
3103	409876.1443	3693472.608	-0.6523	SND
3104	409887.2052	3693484.31	-0.6317	SND
3105	409900.7323	3693494.193	-0.6434	SND
3106	409917.0962	3693504.859	-0.5289	SND
3107	409929.1531	3693512.614	-0.5574	SND
3108	409942.9133	3693523.942	-0.566	SND
3109	409958.4481	3693535.279	-0.4914	SND
3110	409973.7321	3693543.961	-0.1869	SND
3111	409989.3591	3693550.919	-0.3124	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-18.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3112	410005.8293	3693558.019	-0.1399	SND
3113	410022.2637	3693566.099	-0.2139	SND
3114	410036.775	3693573.074	-0.1958	SND
3115	410050.3738	3693579.635	-0.1103	SND
3116	410063.3729	3693587.434	-0.0723	SND
3117	410074.6451	3693595.969	0.2633	SND
3118	410083.8408	3693603.652	0.0609	SND
3119	410105.4687	3693620.131	0.6594	SND
3120	410106.6128	3693620.84	1.1849	MR
3121	410117.4597	3693629.585	1.3129	MR
3122	410118.5278	3693631.066	0.8531	SND
3123	410133.6549	3693640.623	0.6082	SND
3124	410136.6463	3693645.356	0.6831	SND
3125	410147.0446	3693654.302	0.5353	SND
3126	410158.3279	3693662.697	0.3807	SND
3127	410166.2413	3693668.291	0.4056	SND
3128	410174.5894	3693674.572	0.4887	SND
3129	410183.0688	3693682.136	0.4553	SND
3130	410193.7018	3693689.107	0.3499	SND
3131	410204.1437	3693695.957	0.1743	SND
3132	410217.0216	3693702.21	0.3622	SND
3133	410229.8482	3693709.36	0.4044	SND
3134	410240.9473	3693717.182	0.3252	SND
3135	410253.4132	3693727.072	0.3217	SND
3136	410264.7176	3693735.253	0.3819	SND
3137	410276.2624	3693741.838	0.2853	SND
3138	410285.2067	3693749.136	0.2958	SND
3139	410294.541	3693758.287	0.1759	SND
3140	410302.5669	3693767.411	0.1308	SND
3141	410310.8361	3693776.532	0.1339	SND
3142	410319.8358	3693787.749	-0.0823	SND
3143	410331.3625	3693797.532	-0.0398	SND
3144	410345.4443	3693807.078	-0.0971	SND
3145	410358.603	3693815.538	-0.2254	SND
3146	410371.9191	3693823.602	-0.3671	SND
3147	410389.1862	3693832.611	-0.029	SND
3148	410403.5994	3693839.584	-0.102	SND
3149	410414.9211	3693846.874	-0.1417	SND
3150	410428.0484	3693854.997	0.0972	SND
3151	410442.9087	3693864.401	0.0498	SND
3152	410454.4586	3693872.925	0.0265	SND
3153	410465.8384	3693880.305	-0.0541	SND
3154	410478.2731	3693887.963	-0.1513	SND
3155	410488.9555	3693896.231	-0.3468	SND
3156	410499.2291	3693904.633	-0.2704	SND
3157	410509.372	3693915.664	-0.2961	SND
3158	410519.3321	3693926.387	-0.3246	SND

TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-18.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3159	410529.7401	3693936.834	-0.1734	SND
3160	410541.3012	3693946.625	-0.3041	SND
3161	410552.9623	3693957.467	-0.6712	SND
3162	410564.2438	3693967.223	-0.462	SND
3163	410577.4794	3693976.095	-0.7434	SND
3164	410591.057	3693984.621	-0.4449	SND
3166	410618.4013	3693999.513	-0.3111	SND
3167	410631.6455	3694008.003	-0.2597	SND
3168	410644.519	3694016.542	-0.1335	SND
3169	410654.5432	3694025.502	-0.0295	SND
3170	410666.1991	3694036.601	-0.017	SND
3171	410678.0846	3694046.072	0.0654	SND
3172	410690.4813	3694054.672	0	SND
3173	410703.4973	3694063.681	0.0491	SND
3174	410715.6932	3694071.628	0.055	SND
3175	410728.9756	3694079.888	-0.0194	SND
3176	410743.5318	3694088.394	-0.0414	SND
3177	410756.0051	3694096.695	0.0126	SND
3178	410777.3101	3694114.343	0.1758	SND
3179	410779.8553	3694118.568	1.1861	MR
3180	410785.2144	3694124.658	1.5904	MR
3181	410793.9344	3694141.33	1.5853	GRND
3182	410806.3623	3694157.375	1.7733	GRND
3183	410826.301	3694157.814	1.934	GRND
3184	410845.1814	3694168.738	1.6586	GRND
3185	410858.6378	3694177.136	2.125	GRND
3186	410877.8188	3694188.3	1.5649	GRND
3187	410890.0584	3694198.897	1.5901	GRND
3188	410905.9513	3694213.214	1.4658	GRND
3189	410916.7875	3694222.013	1.8192	GRND
3190	410940.2106	3694236.267	1.5818	TBK
3191	410942.9092	3694237.057	-0.0449	SND
3192	410957.2588	3694248.86	-0.2632	SND
3193	410963.5643	3694253.55	-0.3447	SND
3194	410971.8588	3694260.456	-0.5799	SND
3195	410981.7358	3694269.337	-0.6999	SND
3196	410993.4637	3694279.194	-0.9066	SND
3201	411345.6404	3694549.702	0.1166	SND
3202	411346.2233	3694549.53	1.2876	MR
3203	411364.1362	3694559.842	1.228	MR
3204	411366.1981	3694561.051	0.7953	SND
3205	411373.7278	3694556.671	0.5125	SND
3206	411374.7659	3694557.632	1.1615	MR
3207	411389.8643	3694575.117	1.4911	MR
3208	411409.7111	3694583.789	1.1058	MR
3209	411423.4688	3694593.047	1.3784	MR
5181	410608.584	3693991.494	1.318	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-18.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5207	410913.404	3694219.95	1.642	GRND
14601	411335.8	3694533.1	-1	SND
14602	411335.4	3694527.9	-1	SND
14603	411334.2	3694523.1	-1.2	SND
14604	411332.1	3694518.5	-1.3	SND
14605	411329	3694514.6	-1.3	SND
14606	411325	3694511.6	-1.9	SND
14607	411320.4	3694509.3	-2	SND
14608	411315.6	3694507.4	-2.2	SND
14609	411310.9	3694505.6	-2	SND
14610	411306.1	3694504.1	-2.3	SND
14611	411301.2	3694503	-1.8	SND
14612	411295.9	3694502.3	-1.8	SND
14613	411290.8	3694501.8	-1.9	SND
14614	411285.6	3694501.4	-1.9	SND
14615	411280	3694500.8	-1.7	SND
14616	411275	3694499.8	-1.8	SND
14617	411270.3	3694498.2	-1.9	SND
14618	411265.7	3694495.9	-2.5	SND
14619	411261.3	3694493.3	-2.7	SND
14620	411257	3694490.6	-2.7	SND
14621	411252.9	3694487.8	-2.9	SND
14622	411248.7	3694484.9	-4	SND
14623	411244.3	3694481.4	-4.2	SND
14624	411240.5	3694477.9	-4.2	SND
14625	411236.9	3694474.2	-4.3	SND
14626	411233.5	3694470.2	-4.3	SND
14627	411230.3	3694466	-4.7	SND
14628	411227.5	3694461.8	-4.6	SND
14629	411224.7	3694457.6	-4.5	SND
14630	411221.6	3694453.3	-4.7	SND
14631	411218.3	3694449.2	-4.9	SND
14632	411214.7	3694445.5	-5.5	SND
14633	411210.7	3694442	-6	SND
14634	411206.5	3694438.9	-6.2	SND
14635	411202.2	3694436.3	-6	SND
14636	411197.8	3694433.8	-6.3	SND
14637	411193.4	3694431.2	-6.5	SND
14638	411189	3694428.6	-6.7	SND
14639	411184.7	3694425.9	-6.9	SND
14640	411180.4	3694423.2	-7	SND
14641	411176.1	3694420.4	-7.2	SND
14642	411171.8	3694417.8	-6.9	SND
14643	411167.3	3694415.4	-6.6	SND
14644	411162.7	3694413.1	-6.6	SND
14645	411158.1	3694410.7	-6.6	SND
14646	411153.5	3694408.2	-6.4	SND



# TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-18.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14647	411149.2	3694405.6	-6.3	SND
14648	411145.1	3694402.3	-6.1	SND
14649	411141.1	3694398.8	-5.9	SND
14650	411137.4	3694395.1	-5.8	SND
14651	411133.7	3694391.2	-5.6	SND
14652	411130.1	3694387.4	-5.6	SND
14653	411126.5	3694383.5	-5.3	SND
14654	411122.8	3694379.7	-5.2	SND
14655	411119.1	3694375.7	-5.3	SND
14656	411115.6	3694371.9	-5	SND
14657	411112.3	3694368.1	-4.6	SND
14658	411109.1	3694363.9	-4.2	SND
14659	411105.8	3694359.7	-3.9	SND
14660	411102.6	3694355.5	-3.9	SND
14661	411099.3	3694351.2	-3.8	SND
14662	411096	3694347	-3.4	SND
14663	411092.5	3694342.9	-2.8	SND
14664	411089	3694339.3	-2.6	SND
14665	411085.3	3694335.9	-2.5	SND
14666	411081.6	3694332.5	-2.3	SND
14667	411077.7	3694329.3	-2.3	SND
14668	411073.7	3694326.2	-2.2	SND
14669	411069.4	3694323	-2.1	SND
14670	411065.3	3694320.1	-2.1	SND
14671	411061	3694317.3	-2.1	SND
14672	411056.4	3694314.4	-2	SND
14673	411052.1	3694311.8	-1.9	SND
14674	411047.4	3694309	-1.9	SND
14675	411042.8	3694306.4	-2	SND
14676	411038.2	3694303.7	-1.7	SND
14677	411033.8	3694301.1	-1.6	SND
14678	411029.3	3694298.4	-1.3	SND
14679	411025	3694295.8	-1.4	SND
14680	411020.5	3694293.1	-1.1	SND
14681	411016.2	3694290.4	-1.2	SND
14682	411011.7	3694287.6	-1.1	SND
14683	411007.5	3694285	-0.9	SND
14684	411002.8	3694282	-0.9	SND
14685	410998.4	3694279.4	-0.8	SND
14686	410994	3694276.8	-0.8	SND
14687	410989.6	3694274.3	-0.7	SND
14688	410985.1	3694271.8	-0.6	SND
14689	410980.4	3694269.4	-0.5	SND
14690	410975.8	3694267	-0.4	SND
14691	410971.4	3694264.7	-0.4	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-19.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3210	411481.1432	3695132.666	1.322	MR
3211	411466.7439	3695126.62	1.5447	MR
3212	411449.3954	3695105.659	1.2837	MR
3213	411427.9688	3695088.165	1.5617	MR
3214	411411.2267	3695074.892	1.0929	MR
3215	411410.9299	3695074.603	0.1145	SND
3216	411401.3819	3695071.72	-0.3857	SND
3217	411391.0816	3695063.625	-0.5319	SND
3224	410826.6941	3694653.243	-1.4034	SND
3225	410814.0033	3694638.928	-1.1494	SND
3226	410794.8669	3694616.35	-0.0045	SND
3227	410794.361	3694616.742	1.2394	MR
3228	410785.2356	3694611.871	1.4473	MR
3230	410754.2098	3694593.498	1.1846	MR
3231	410731.6138	3694582.972	1.7113	MR
3232	410719.0335	3694573.347	1.2662	MR
3233	410705.5819	3694567.359	1.1497	MR
3234	410704.1698	3694566.495	0.771	SND
3235	410693.4922	3694559.292	0.4832	SND
3237	410666.5849	3694527.406	0.7351	SND
3238	410666.6031	3694526.207	1.2866	MR
3239	410651.0268	3694521.305	1.2881	MR
3240	410629.9721	3694505.641	1.5656	MR
3241	410609.1851	3694493.305	1.2651	MR
3242	410600.5778	3694486.969	1.4306	MR
3243	410588.8306	3694476.615	1.6538	MR
3244	410579.7301	3694468.627	1.4547	MR
3245	410570.9064	3694457.525	1.5988	MR
3247	410550.1143	3694419.619	2.8909	GRND
3248	410553.6459	3694428.568	2.9582	GRND
3251	410543.0906	3694405.92	2.3973	TBK
3252	410543.3177	3694404.778	1.0943	SND
3253	410522.4128	3694392.838	0.9651	SND
3254	410500.3769	3694381.793	1.0647	SND
3255	410491.1325	3694370.675	0.8408	SND
3256	410477.2706	3694361.3	0.6905	SND
3257	410467.1242	3694355.588	0.6638	SND
3258	410458.371	3694350.733	0.5547	SND
3259	410447.7987	3694345.397	0.5938	SND
3260	410438.8016	3694340.768	0.5198	SND
3261	410427.1984	3694334.009	0.4379	SND
3262	410416.4183	3694328.331	0.3788	SND
3263	410406.4353	3694322.676	0.3538	SND
3264	410395.5658	3694317.902	0.2229	SND
3265	410384.7426	3694312.413	0.3302	SND
3266	410373.4021	3694308.144	0.3004	SND
3267	410359.5663	3694301.936	0.3212	SND

TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-19.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3268	410347.6161	3694294.013	0.3401	SND
3269	410336.772	3694282.341	0.33	SND
3270	410325.4931	3694272.551	0.2979	SND
3271	410311.3314	3694264.844	0.3183	SND
3272	410299.865	3694257.863	0.2416	SND
3273	410286.6737	3694252.004	0.2732	SND
3274	410273.1603	3694246.429	0.3042	SND
3275	410262.0756	3694242.048	0.2808	SND
3276	410250.5064	3694234.891	0.3888	SND
3277	410239.8045	3694225.111	0.3398	SND
3278	410230.4986	3694215.208	0.1518	SND
3279	410221.275	3694204.22	0.0574	SND
3280	410211.082	3694193.226	-0.0732	SND
3281	410194.9228	3694179.879	-0.0768	SND
3282	410181.578	3694166.156	-0.0577	SND
3283	410167.5085	3694150.809	-0.0696	SND
3284	410154.3005	3694138.237	-0.0521	SND
3285	410138.0966	3694125.769	-0.1437	SND
3286	410122.0944	3694116.479	-0.3732	SND
3287	410105.5539	3694105.782	-0.4517	SND
3288	410087.172	3694093.411	-0.236	SND
3289	410072.2915	3694084.66	-0.219	SND
3290	410058.2476	3694076.71	-0.2297	SND
3291	410043.1344	3694068.869	-0.2055	SND
3292	410026.3167	3694059.678	-0.239	SND
3293	410012.4177	3694049.935	-0.1415	SND
3294	409998.2776	3694039.031	-0.155	SND
3295	409984.6396	3694028.903	-0.0636	SND
3296	409967.7537	3694017.514	-0.029	SND
3297	409953.1741	3694008.244	0.0127	SND
3298	409938.8219	3693998.637	0.0846	SND
3299	409925.7324	3693989.944	0.0455	SND
3300	409911.367	3693980.437	0.1264	SND
3301	409899.4934	3693970.99	0.2467	SND
3302	409887.5497	3693963.485	0.1994	SND
3303	409874.77	3693954.538	0.3728	SND
3304	409861.2525	3693947.271	0.1813	SND
3305	409847.7219	3693942.542	0.1124	SND
3306	409827.2264	3693932.813	0.5026	SND
3307	409826.4924	3693917.885	0.7351	SND
3308	409829.6404	3693915.415	2.3581	TBK
3309	409826.3386	3693907.651	2.6703	GRND
3310	409818.9075	3693890.462	2.9172	GRND
3311	409806.2594	3693872.349	2.075	GRND
3312	409798.7333	3693864.345	1.8913	GRND
3313	409793.1562	3693854.874	1.5813	GRND
3314	409789.5971	3693850.038	1.6369	MR

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-19.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3315	409770.953	3693835.905	1.4011	MR
3316	409752.0004	3693822.094	1.4665	MR
3317	409734.9986	3693813.75	1.5104	MR
3318	409714.1958	3693807.304	1.5368	MR
3319	409698.4394	3693803.278	1.6673	MR
3320	409687.9209	3693804.867	1.5545	MR
3321	409668.0499	3693790.337	1.6566	MR
3322	409657.264	3693783.417	1.7408	MR
3323	409647.6597	3693770.907	2.0273	MR
3324	409634.9072	3693761.928	1.8782	MR
3325	409620.0144	3693748.366	2.1148	MR
3326	409601.6737	3693736.728	1.5996	MR
3327	409600.787	3693735.465	0.8147	SND
3328	409578.4317	3693731.526	0.2999	SND
3329	409573.3415	3693725.777	0.2897	SND
3330	409566.4963	3693717.46	0.2892	SND
3331	409558.2916	3693710.196	0.2557	SND
3332	409549.2178	3693703.765	0.2704	SND
3333	409540.6926	3693697.485	0.2949	SND
3334	409531.6826	3693691.343	0.2733	SND
3335	409522.1929	3693684.839	0.2205	SND
3336	409511.9162	3693677.671	0.2197	SND
3337	409500.3708	3693671.3	0.2267	SND
3338	409486.0856	3693663.76	0.0168	SND
3339	409473.6075	3693655.964	0.0558	SND
3340	409460.2031	3693647.444	0.0484	SND
3341	409447.5273	3693637.792	0.0582	SND
3342	409435.3886	3693628.808	0.0681	SND
3343	409422.6285	3693614.832	0.4636	SND
3344	409409.5984	3693607.053	0.0683	SND
3345	409397.5147	3693599.552	0.0146	SND
3346	409384.9335	3693590.364	0.0132	SND
3347	409371.7057	3693581.284	0.1437	SND
3348	409358.0852	3693572.689	0.3341	SND
3349	409338.0768	3693561.354	0.6298	SND
3350	409335.3371	3693557.316	1.514	GRND
3351	409329.5768	3693544.002	1.6959	GRND
3352	409322.8901	3693532.066	1.6949	GRND
3353	409313.2295	3693522.555	1.8544	GRND
3354	409300.4741	3693511.635	1.8912	GRND
3355	409287.1042	3693503.078	1.7044	GRND
3356	409274.1318	3693497.247	1.6832	GRND
3357	409261.667	3693490.629	1.672	MR
3358	409251.641	3693483.866	1.672	MR
3359	409241.7281	3693473.561	1.2261	MR
3360	409241.2562	3693472.918	0.7104	SND
3361	409232.5028	3693461.048	-0.0219	SND



TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-19.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3362	409224.1368	3693449.465	-0.4312	SND
3363	409211.7171	3693441.419	-1.8161	SND
3364	409206.8351	3693440.288	-2.3378	SND
5144	409355.253	3693591.15	-0.097	SND
5145	409363.447	3693581.249	-0.157	SND
5146	409369.744	3693574.579	0.473	SND
5327	410546.542	3694410.22	2.935	GRND
5333	410556.905	3694436.287	2.497	GRND
14465	410831.1	3694651.1	-1.2	SND
14466	410835.5	3694653.6	-1.9	SND
14467	410839	3694657.2	-1.9	SND
14468	410842.1	3694661.2	-1.9	SND
14469	410844.7	3694665.6	-1.7	SND
14470	410846.6	3694670.3	-1.6	SND
14471	410848.3	3694675	-1.2	SND
14472	410850.4	3694679.7	-0.8	SND
14473	410853.6	3694683.7	-0.7	SND
14474	410857.7	3694686.7	-0.8	SND
14475	410862.2	3694689.1	-0.8	SND
14476	410866.9	3694690.8	-0.9	SND
14477	410872	3694692.3	-1	SND
14478	410877	3694693.4	-1	SND
14479	410882.1	3694694.6	-1.1	SND
14480	410887	3694695.9	-1.1	SND
14481	410891.9	3694697.3	-1.1	SND
14482	410896.6	3694699	-1.1	SND
14483	410901.4	3694701.2	-1.1	SND
14484	410905.8	3694703.8	-1.1	SND
14485	410909.9	3694706.9	-1.2	SND
14486	410913.8	3694710.4	-1.2	SND
14487	410917.5	3694714.1	-1.3	SND
14488	410921	3694717.7	-1.2	SND
14489	410924.5	3694721.6	-1.3	SND
14490	410927.7	3694725.5	-1.3	SND
14491	410930.9	3694729.6	-1.3	SND
14492	410933.9	3694733.7	-1.3	SND
14493	410936.9	3694737.8	-1.3	SND
14494	410940.1	3694741.8	-1.3	SND
14495	410943.5	3694745.7	-1.4	SND
14496	410947.1	3694749.5	-1.6	SND
14497	410950.9	3694753	-1.5	SND
14498	410955.1	3694756.3	-1.7	SND
14499	410959.4	3694759.2	-1.7	SND
14500	410964.1	3694761.9	-1.9	SND
14501	410968.7	3694764.4	-1.9	SND
14502	410973.4	3694766.7	-2	SND
14503	410978	3694768.9	-2	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-19.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14504	410982.6	3694770.9	-2.1	SND
14505	410987.2	3694773	-2.2	SND
14506	410991.8	3694775	-2.3	SND
14507	410996.5	3694777	-2.4	SND
14508	411001.5	3694779.1	-2.5	SND
14509	411006.1	3694781.2	-3.1	SND
14510	411010.8	3694783.5	-3.4	SND
14511	411015.1	3694786	-3.5	SND
14512	411019.3	3694788.8	-3.5	SND
14513	411023.3	3694791.9	-3.4	SND
14514	411027.1	3694795.3	-3.6	SND
14515	411030.9	3694798.9	-3.7	SND
14516	411034.5	3694802.6	-4.1	SND
14517	411038.1	3694806.3	-4.1	SND
14518	411041.6	3694810.1	-4.3	SND
14519	411045.1	3694813.9	-4.6	SND
14520	411048.6	3694817.7	-5	SND
14521	411052.2	3694821.6	-5.1	SND
14522	411055.9	3694825.5	-5.3	SND
14523	411059.5	3694829.2	-5.4	SND
14524	411063.4	3694832.9	-5.5	SND
14525	411067.1	3694836.3	-5.5	SND
14526	411071.3	3694839.8	-5.6	SND
14527	411075.5	3694842.9	-5.6	SND
14528	411079.6	3694845.8	-5.7	SND
14529	411084.2	3694848.7	-5.9	SND
14530	411088.7	3694851.3	-5.9	SND
14531	411093.4	3694853.8	-6	SND
14532	411098.1	3694856.2	-5.9	SND
14533	411102.9	3694858.7	-5.7	SND
14534	411107.5	3694861.2	-5.8	SND
14535	411112	3694863.8	-5.8	SND
14536	411116.5	3694866.5	-5.4	SND
14537	411120.9	3694869.5	-5.2	SND
14538	411125.1	3694872.5	-5.1	SND
14539	411129.2	3694875.6	-4.9	SND
14540	411133.4	3694878.9	-4.7	SND
14541	411137.4	3694882.3	-4.6	SND
14542	411141.5	3694885.8	-4.1	SND
14543	411145.3	3694889.2	-3.9	SND
14544	411149.2	3694892.6	-3.8	SND
14545	411153.1	3694896.1	-3.6	SND
14546	411157	3694899.6	-3.4	SND
14547	411160.7	3694903	-2.4	SND
14548	411164.6	3694906.6	-2.4	SND
14549	411168.4	3694910.1	-2.2	SND
14550	411172.2	3694913.7	-2.1	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-19.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14551	411176	3694917.2	-2	SND
14552	411179.7	3694920.6	-1.8	SND
14553	411183.5	3694924	-1.6	SND
14554	411187.3	3694927.4	-1.5	SND
14555	411191.2	3694930.8	-1.4	SND
14556	411195.3	3694934.2	-1.4	SND
14557	411199.2	3694937.4	-1.3	SND
14558	411203.3	3694940.5	-1.3	SND
14559	411207.3	3694943.5	-1.3	SND
14560	411211.4	3694946.4	-1.3	SND
14561	411215.9	3694949.5	-1.2	SND
14562	411220.1	3694952.2	-1.3	SND
14563	411224.5	3694955	-1.2	SND
14564	411228.8	3694957.6	-1.4	SND
14565	411233.3	3694960.1	-1.3	SND
14566	411238.1	3694962.6	-1.4	SND
14567	411243	3694964.9	-1.3	SND
14568	411247.6	3694967.1	-1.3	SND
14569	411252.5	3694969.4	-1.3	SND
14570	411257.1	3694971.6	-1.1	SND
14571	411261.8	3694973.9	-1.2	SND
14572	411266.6	3694976.3	-1.1	SND
14573	411271.5	3694978.9	-1.2	SND
14574	411276.1	3694981.5	-1.1	SND
14575	411280.5	3694984.1	-1.1	SND
14576	411285	3694986.9	-1.1	SND
14577	411289.4	3694989.8	-1.1	SND
14578	411293.6	3694992.8	-0.9	SND
14579	411297.8	3694995.8	-0.9	SND
14580	411302.1	3694999.2	-0.9	SND
14581	411305.9	3695002.5	-0.9	SND
14582	411310.3	3695006.7	-0.8	SND
14583	411314	3695010.4	-0.9	SND
14584	411317.5	3695014.2	-0.9	SND
14585	411320.9	3695018	-1	SND
14586	411324.3	3695022	-1	SND
14587	411327.6	3695025.9	-0.9	SND
14588	411330.9	3695029.7	-0.9	SND
14589	411334.2	3695033.5	-0.9	SND
14590	411337.7	3695037.4	-0.9	SND
14591	411341.2	3695041.3	-1.1	SND
14592	411344.9	3695045	-1	SND
14593	411348.5	3695048.5	-1	SND
14594	411352.4	3695051.9	-1	SND
14595	411356.9	3695055.2	-1.1	SND
14596	411361.4	3695058.2	-1	SND
14597	411366.3	3695061.2	-1.1	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-19.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14598	411370.7	3695063.6	-1.2	SND
14599	411375.1	3695066	-0.7	SND
14600	411379.6	3695068.3	-0.9	SND



TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-20.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3365	408959.9636	3693766.656	-0.3229	SND
3366	408963.0364	3693768.522	-0.8775	SND
3369	409000.2584	3693796.62	-3.2151	SND
3370	408975.9895	3693772.498	-1.4375	SND
3371	408989.1737	3693784.475	-2.3976	SND
3372	408995.3397	3693791.667	-2.7161	SND
3373	409001.8124	3693801.537	-3.0328	SND
3374	409008.0341	3693811.255	-3.2633	SND
3376	409012.4146	3693806.405	-3.2204	SND
3377	409022.2657	3693821.55	-3.2005	SND
3378	409031.2279	3693833.309	-2.7083	SND
3379	409041.2117	3693844.896	-2.3173	SND
3380	409049.8242	3693854.802	-2.0648	SND
3381	409059.3872	3693864.779	-1.4557	SND
3382	409068.0134	3693874.331	-1.3703	SND
3383	409080.0422	3693886.297	-1.334	SND
3384	409095.0027	3693897.543	-1.3149	SND
3385	409112.2085	3693906.931	-1.3079	SND
3386	409128.2982	3693914.175	-1.3089	SND
3387	409145.6371	3693921.346	-1.1104	SND
3388	409160.4361	3693927.245	-1.277	SND
3389	409176.4748	3693933.082	-1.5207	SND
3390	409191.6417	3693938.543	-1.2714	SND
3391	409205.8771	3693944.516	-1.3323	SND
3392	409219.0163	3693950.68	-1.2358	SND
3393	409234.1154	3693958.159	-1.2017	SND
3394	409249.5064	3693966.333	-1.3141	SND
3395	409264.0733	3693976.199	-1.353	SND
3396	409278.3581	3693987.026	-1.388	SND
3397	409293.5886	3693998.889	-1.5328	SND
3398	409309.5319	3694012.15	-1.5069	SND
3399	409323.4312	3694024.014	-1.7328	SND
3400	409337.3139	3694036.945	-1.7364	SND
3401	409350.9116	3694049.962	-1.6665	SND
3402	409370.0306	3694068.308	-1.6411	SND
3403	409385.1393	3694083.437	-1.7281	SND
3404	409402.5855	3694100.565	-1.5282	SND
3405	409416.1592	3694114.29	-1.7452	SND
3406	409429.5868	3694126.371	-1.7704	SND
3407	409441.6226	3694137.447	-1.7591	SND
3408	409453.4684	3694147.338	-1.7364	SND
3409	409464.8087	3694156.753	-1.7245	SND
3410	409476.7378	3694165.985	-1.6866	SND
3411	409488.4415	3694174.663	-1.7224	SND
3412	409501.1766	3694183.34	-1.7132	SND
3413	409512.7286	3694190.56	-1.7162	SND
3414	409525.9823	3694197.73	-1.7445	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-20.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3415	409539.4752	3694204.351	-1.7806	SND
3416	409553.6168	3694210.812	-1.7312	SND
3417	409567.7684	3694216.859	-1.7746	SND
3418	409580.1471	3694223.058	-1.7048	SND
3419	409594.8088	3694231.507	-1.7315	SND
3420	409606.8324	3694240.767	-1.7137	SND
3421	409618.4298	3694250.234	-1.7192	SND
3422	409631.2976	3694262.302	-1.7206	SND
3423	409643.6175	3694274.51	-1.667	SND
3424	409655.0159	3694287.085	-1.6538	SND
3425	409666.4608	3694299.706	-1.6679	SND
3426	409677.5523	3694312.037	-1.6175	SND
3427	409689.2155	3694322.924	-1.6412	SND
3428	409701.9578	3694334.724	-1.6138	SND
3429	409714.1709	3694345.27	-1.6281	SND
3430	409734.2123	3694361.026	-1.5867	SND
3431	409749.2439	3694372.334	-1.5645	SND
3432	409763.8945	3694382.756	-1.6349	SND
3433	409779.4632	3694393.309	-1.5878	SND
3434	409796.1651	3694402.524	-1.6069	SND
3435	409814.079	3694410.008	-1.5682	SND
3436	409831.4695	3694416.497	-1.6047	SND
3437	409849.6002	3694422.956	-1.6157	SND
3438	409867.0433	3694429.858	-1.6083	SND
3439	409883.9008	3694438.427	-1.5226	SND
3440	409897.8064	3694447.47	-1.4601	SND
3441	409911.6678	3694458.779	-1.4552	SND
3442	409923.5986	3694469.628	-1.415	SND
3443	409937.0101	3694482.486	-1.3826	SND
3444	409949.0608	3694494.992	-1.3596	SND
3445	409961.3338	3694507.305	-1.3287	SND
3446	409974.1371	3694520.322	-1.3135	SND
3447	409986.3141	3694532.25	-1.2272	SND
3448	410008.9664	3694551.832	-0.6746	SND
3449	410011.254	3694551.4	1.4676	MR
3450	410026.9803	3694556.097	1.6443	MR
3451	410040.0387	3694566.484	1.6208	MR
3452	410053.8193	3694578.524	1.0197	MR
3453	410057.7517	3694580.438	0.7089	SND
3454	410066.3889	3694589.009	0.6814	SND
3455	410079.0464	3694599.819	0.7136	SND
3456	410087.5047	3694606.865	0.9032	SND
3457	410097.8833	3694613.827	0.6799	SND
3458	410099.1311	3694614.505	1.3226	MR
3459	410113.5887	3694623.575	1.3422	MR
3460	410134.5129	3694637.368	1.2703	MR
3461	410135.7071	3694637.77	0.7019	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-20.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3462	410140.4233	3694638.68	0.3919	SND
3463	410154.5231	3694649.335	0.2951	SND
3464	410165.2403	3694658.807	0.3629	SND
3465	410175.8317	3694668.119	0.3708	SND
3466	410186.5262	3694679.114	0.4085	SND
3467	410197.1589	3694689.069	0.3827	SND
3468	410207.7135	3694697.125	0.3345	SND
3469	410217.7831	3694705.541	0.346	SND
3470	410229.5755	3694715.368	0.126	SND
3471	410242.0986	3694725.889	0.1773	SND
3472	410255.7232	3694736.316	0.0179	SND
3473	410269.4902	3694747.526	-0.122	SND
3474	410284.8904	3694758.922	-0.1913	SND
3475	410300.6725	3694769.135	-0.1545	SND
3476	410315.3939	3694777.436	-0.2573	SND
3477	410330.565	3694786.444	-0.2721	SND
3478	410348.1892	3694797.334	-0.175	SND
3479	410363.8087	3694807.974	-0.2841	SND
3480	410379.6332	3694818.102	-0.2923	SND
3481	410396.2806	3694828.383	-0.2777	SND
3482	410412.8164	3694838.702	-0.2704	SND
3483	410433.3235	3694852.333	-0.3286	SND
3484	410448.0611	3694861.714	-0.303	SND
3485	410461.6414	3694871.666	0.0075	SND
3486	410476.2954	3694883.083	-0.2474	SND
3487	410491.2288	3694894.817	-0.3832	SND
3488	410503.554	3694904.252	-0.3667	SND
3489	410517.2851	3694914.386	-0.4439	SND
3490	410531.4092	3694924.371	-0.2804	SND
3491	410545.8701	3694933.013	-0.0125	SND
3492	410560.2589	3694940.637	0.0021	SND
3493	410575.0475	3694947.16	-0.0127	SND
3494	410590.7379	3694953.197	-0.0266	SND
3495	410604.7334	3694961.231	0.0639	SND
3496	410617.6214	3694971.273	0.0665	SND
3497	410630.2538	3694980.429	0.1372	SND
3498	410644.0075	3694989.126	0.3007	SND
3499	410664.4825	3695002.217	0.5537	SND
3500	410665.601	3695003.927	1.1779	MR
3501	410678.3015	3695021.969	1.6005	MR
3502	410688.2513	3695039.59	1.6185	MR
3503	410700.8813	3695053.782	1.4298	MR
3504	410714.8568	3695069.362	1.4378	MR
3505	410715.6031	3695070.448	0.7418	SND
3506	410728.7769	3695077.291	1.0345	SND
3507	410741.8989	3695085.468	0.7897	SND
3508	410743.1244	3695085.608	1.3342	MR

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-20.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3509	410758.9289	3695099.555	1.5671	MR
3510	410776.1214	3695112.03	1.4099	MR
3511	410777.2156	3695112.786	0.5209	SND
3512	410785.2639	3695118.444	-0.1677	SND
3513	410792.3089	3695125.307	-0.2286	SND
3518	411347.1107	3695548.679	0.536	SND
3519	411348.1857	3695549.918	1.2286	MR
3520	411365.3451	3695550.52	1.2978	MR
3521	411365.6008	3695551.938	0.5865	SND
3522	411383.9584	3695559.559	0.7483	SND
3523	411398.3964	3695567.598	0.9646	SND
3524	411406.79	3695575.169	0.6409	SND
14334	411343.6	3695516.3	-0.6	SND
14335	411341.8	3695510.7	-0.6	SND
14336	411339.5	3695506.3	-0.8	SND
14337	411336.6	3695502.2	-0.8	SND
14338	411333.1	3695498.6	-1	SND
14339	411328.8	3695495.9	-1.2	SND
14340	411323.9	3695494.4	-1.1	SND
14341	411318.8	3695493.8	-1.3	SND
14342	411313.6	3695493.8	-1.4	SND
14343	411308.6	3695494.2	-1.3	SND
14344	411303.6	3695494.7	-1.4	SND
14345	411298.6	3695494.9	-1.4	SND
14346	411293.6	3695494.3	-1.5	SND
14347	411288.8	3695493	-1.3	SND
14348	411284	3695490.9	-1.3	SND
14349	411279.5	3695488.4	-1.3	SND
14350	411275.2	3695485.6	-1.3	SND
14351	411271.2	3695482.5	-1.2	SND
14352	411267.5	3695479	-1.4	SND
14353	411264	3695475.2	-1.2	SND
14354	411260.9	3695471.2	-1.2	SND
14355	411257.9	3695466.8	-1.3	SND
14356	411254.6	3695462.1	-1.2	SND
14357	411251.4	3695458	-1.1	SND
14358	411248.1	3695454.2	-1.1	SND
14359	411244.4	3695450.7	-1.2	SND
14360	411240.2	3695447.1	-1.1	SND
14361	411236.4	3695443.8	-1.1	SND
14362	411232.6	3695440.5	-1	SND
14363	411228.6	3695437	-1	SND
14364	411224.5	3695433.6	-1.1	SND
14365	411220.5	3695430.6	-1	SND
14366	411216.2	3695427.9	-1	SND
14367	411211.7	3695425.5	-1	SND
14368	411207	3695423.6	-1	SND



TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-20.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14369	411202.7	3695421	-0.9	SND
14370	411198.5	3695418.2	-0.8	SND
14371	411194.1	3695415.2	-0.9	SND
14372	411190	3695412.3	-0.8	SND
14373	411185.8	3695409	-0.8	SND
14374	411181.6	3695405.6	-0.8	SND
14375	411177.5	3695402.2	-0.8	SND
14376	411173.5	3695398.9	-0.9	SND
14377	411169.4	3695395.6	-0.9	SND
14378	411165.3	3695392.5	-0.9	SND
14379	411161.2	3695389.4	-1.1	SND
14380	411156.9	3695386.2	-1.2	SND
14381	411153	3695383.1	-1.2	SND
14382	411149	3695380	-1.5	SND
14383	411144.7	3695376.7	-2.2	SND
14384	411140.7	3695373.4	-3.1	SND
14385	411136.6	3695370.1	-3.6	SND
14386	411132.4	3695366.9	-3.5	SND
14387	411128.1	3695363.7	-3.4	SND
14388	411124	3695360.8	-3.8	SND
14389	411119.8	3695358	-3.9	SND
14390	411115.4	3695355.2	-3.9	SND
14391	411110.7	3695352.3	-4	SND
14392	411106.4	3695349.7	-4.1	SND
14393	411101.9	3695347.1	-4.1	SND
14394	411097.5	3695344.6	-4	SND
14395	411092.9	3695342.2	-4.4	SND
14396	411088.3	3695340.1	-4.6	SND
14397	411083.5	3695338	-4.8	SND
14398	411078.8	3695336	-4.9	SND
14399	411074	3695333.9	-5.1	SND
14400	411069.3	3695331.6	-5.2	SND
14401	411064.8	3695329.1	-5.7	SND
14402	411060.4	3695326.3	-5	SND
14403	411056	3695323.2	-4.9	SND
14404	411051.5	3695320.1	-5.1	SND
14405	411047.1	3695317	-5.3	SND
14406	411042.7	3695313.8	-4.8	SND
14407	411038.4	3695310.5	-4.7	SND
14408	411034.1	3695307.2	-4.9	SND
14409	411029.9	3695303.8	-4.8	SND
14410	411025.8	3695300.4	-4.9	SND
14411	411022.1	3695296.7	-4.8	SND
14412	411018.4	3695292.8	-4.7	SND
14413	411014.9	3695288.9	-4.4	SND
14414	411011.3	3695284.9	-4.5	SND
14415	411007.4	3695280.6	-4.2	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-20.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14416	411003.7	3695276.8	-4.2	SND
14417	410999.9	3695273.1	-3.9	SND
14418	410995.9	3695269.5	-4	SND
14419	410991.9	3695265.9	-3.4	SND
14420	410987.8	3695262.3	-2.9	SND
14421	410983.7	3695258.8	-2.6	SND
14422	410979.7	3695255.3	-2.4	SND
14423	410975.4	3695251.5	-2.3	SND
14424	410971.4	3695248.1	-2.6	SND
14425	410967.3	3695244.6	-2.4	SND
14426	410963.2	3695241.2	-1.9	SND
14427	410959.2	3695237.8	-1.9	SND
14428	410955.1	3695234.6	-2.1	SND
14429	410950.8	3695231.5	-2	SND
14430	410946.5	3695228.6	-1.9	SND
14431	410942	3695225.7	-2	SND
14432	410937.5	3695222.9	-2.1	SND
14433	410933.1	3695220.1	-1.9	SND
14434	410928.8	3695217.2	-1.7	SND
14435	410924.6	3695214.3	-1.7	SND
14436	410920.3	3695211.5	-1.6	SND
14437	410915.7	3695208.5	-1.7	SND
14438	410911.4	3695205.8	-1.5	SND
14439	410907.2	3695203.1	-1.4	SND
14440	410902.7	3695200.3	-1.5	SND
14441	410898.3	3695197.4	-1.4	SND
14442	410894	3695194.6	-1.4	SND
14443	410889.8	3695191.8	-1.3	SND
14444	410885.5	3695189	-1.4	SND
14445	410881	3695186.2	-1.4	SND
14446	410876.8	3695183.5	-1.4	SND
14447	410872.4	3695180.6	-1.4	SND
14448	410868.1	3695177.7	-1.4	SND
14449	410864.1	3695174.7	-1.3	SND
14450	410859.9	3695171.7	-1.3	SND
14451	410855.6	3695168.7	-1.2	SND
14452	410851.2	3695165.9	-1.3	SND
14453	410846.5	3695163.5	-1.1	SND
14454	410841.8	3695161.3	-1	SND
14455	410837.2	3695159.1	-1	SND
14456	410832.9	3695156.6	-1	SND
14457	410828.6	3695153.8	-1	SND
14458	410824.7	3695150.8	-0.9	SND
14459	410820.8	3695147.5	-1.1	SND
14460	410817	3695144.1	-0.9	SND
14461	410813.2	3695140.8	-1	SND
14462	410809.6	3695137.4	-1.1	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-20.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14463	410805.9	3695133.8	-0.8	SND
14464	410802.4	3695130.2	-0.8	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-21.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3525	411291.3965	3695996.522	1.4104	MR
3526	411285.6869	3695988.241	1.5675	MR
3527	411277.1776	3695972.954	1.5162	MR
3528	411265.6851	3695956.123	1.6598	MR
3529	411253.7435	3695940.304	1.1916	MR
3530	411252.36	3695939.279	0.5272	SND
3531	411229.5842	3695931.313	0.5405	SND
3532	411219.3652	3695926.207	0.4604	SND
3533	411210.7402	3695920.171	0.6211	SND
3534	411202.1186	3695913.121	0.3111	SND
3535	411192.8688	3695906.218	0.2476	SND
3536	411183.1457	3695899.506	0.1501	SND
3537	411168.6513	3695889.874	-0.0704	SND
3538	411154.2783	3695878.636	-0.4799	SND
3542	410689.3619	3695559.459	-0.8839	SND
3543	410681.5038	3695546.038	-0.5237	SND
3544	410676.5522	3695533.171	0.2846	SND
3545	410676.5602	3695532.298	1.215	MR
3546	410668.4969	3695510.242	1.4673	MR
3547	410652.5882	3695501.322	1.4717	MR
3548	410631.9724	3695497.553	1.5446	MR
3549	410611.9425	3695488.644	1.4742	MR
3550	410600.489	3695475.831	1.5634	MR
3551	410588.443	3695461.496	1.2497	MR
3552	410570.7903	3695444.31	1.2249	MR
3553	410569.0102	3695442.794	0.5844	SND
3554	410551.8871	3695433.677	0.8089	SND
3555	410541.4679	3695423.087	0.4848	SND
3556	410533.6838	3695415.103	0.3356	SND
3557	410522.3218	3695408.128	0.3541	SND
3558	410512.8489	3695402.794	0.447	SND
3559	410501.8416	3695396.314	0.5746	SND
3560	410493.4643	3695391.007	0.6343	SND
3561	410484.5007	3695384.997	0.7577	SND
3562	410476.292	3695379.168	0.7335	SND
3563	410467.0236	3695372.587	0.7187	SND
3564	410456.357	3695366.301	0.644	SND
3565	410446.2768	3695359.044	0.7844	SND
3566	410435.9741	3695346.138	0.3738	SND
3567	410420.5299	3695336.133	-0.0847	SND
3568	410418.8777	3695335.461	1.111	MR
3569	410396.7967	3695326.117	1.0781	MR
3570	410395.2974	3695327.482	0.1478	SND
3571	410380.9255	3695327.463	-0.0198	SND
3572	410370.4258	3695318.836	0.1198	SND
3573	410359.8128	3695310.946	0.0983	SND
3574	410349.9902	3695301.711	0.0047	SND



TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-21.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3575	410338.9573	3695291.535	0.0046	SND
3576	410328.1426	3695281.664	-0.0283	SND
3577	410317.3376	3695270.862	0.0088	SND
3578	410305.8351	3695260.607	0.0799	SND
3579	410294.2947	3695250.582	0.0012	SND
3580	410282.928	3695240.123	-0.2648	SND
3581	410271.4364	3695228.293	-0.1338	SND
3582	410259.0474	3695218.55	-0.2572	SND
3583	410246.2492	3695209.641	-0.1715	SND
3584	410232.6463	3695200.81	-0.2933	SND
3585	410219.0617	3695192.454	-0.2404	SND
3586	410205.9512	3695183.043	-0.2991	SND
3587	410192.9515	3695172.922	-0.1515	SND
3588	410179.4806	3695162.543	-0.2162	SND
3589	410165.0933	3695152.484	-0.2541	SND
3590	410150.1717	3695141.991	-0.1466	SND
3591	410137.4832	3695133.962	-0.0952	SND
3592	410123.3663	3695124.484	-0.1417	SND
3593	410109.5843	3695113.908	-0.1597	SND
3594	410094.3375	3695102.861	-0.2001	SND
3595	410079.3252	3695093.26	-0.1754	SND
3596	410065.192	3695084.464	-0.1539	SND
3597	410049.4219	3695075.918	-0.2526	SND
3598	410033.9092	3695067.461	-0.4085	SND
3599	410019.139	3695058.215	-0.6049	SND
3600	410003.9644	3695047.93	-0.7193	SND
3601	409989.7817	3695036.687	-0.6432	SND
3602	409975.1177	3695023.891	-0.8389	SND
3603	409954.4428	3695007.932	-1.8427	SND
3604	409935.6085	3694992.168	-1.6644	SND
3605	409919.979	3694977.465	-1.5898	SND
3606	409905.4498	3694961.8	-1.3953	SND
3607	409891.2415	3694945.493	-1.4938	SND
3608	409876.8506	3694930.553	-1.5887	SND
3609	409860.9867	3694917.232	-1.5679	SND
3610	409843.0431	3694905.393	-1.6228	SND
3611	409823.6278	3694894.416	-1.5291	SND
3612	409803.3415	3694882.879	-1.4901	SND
3613	409785.0428	3694872.132	-1.4709	SND
3614	409765.8238	3694861.93	-1.571	SND
3615	409745.0639	3694850.401	-1.623	SND
3616	409726.2052	3694837.79	-1.6077	SND
3617	409710.7587	3694825.337	-1.6128	SND
3618	409695.8973	3694810.93	-1.6995	SND
3619	409680.4599	3694795.016	-1.7589	SND
3620	409665.2274	3694779.961	-1.7594	SND
3621	409650.1386	3694765.41	-1.7856	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-21.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3622	409635.037	3694751.048	-1.7119	SND
3623	409620.0634	3694737.629	-1.6251	SND
3624	409604.4365	3694725.232	-1.5155	SND
3625	409589.2042	3694713.398	-1.7171	SND
3626	409567.279	3694700.808	-1.6454	SND
3627	409547.4622	3694692.26	-1.652	SND
3628	409530.1252	3694683.573	-1.6854	SND
3629	409507.3428	3694667.481	-1.7637	SND
3630	409493.1141	3694656.318	-1.8993	SND
3631	409477.4432	3694643.42	-1.8355	SND
3632	409462.9944	3694630.991	-1.6983	SND
3633	409448.2517	3694617.291	-1.8639	SND
3634	409432.8958	3694603.074	-1.7674	SND
3635	409418.3086	3694590.334	-1.6905	SND
3636	409402.5551	3694578.47	-1.6485	SND
3637	409384.5356	3694566.419	-1.7443	SND
3638	409368.514	3694556.687	-1.9227	SND
3639	409351.5735	3694546.045	-1.944	SND
3640	409336.2738	3694535.323	-1.8015	SND
3641	409319.6988	3694522.752	-1.7737	SND
3642	409304.4947	3694510.389	-1.8001	SND
3643	409288.8757	3694496.879	-1.8334	SND
3644	409272.6439	3694482.805	-1.7357	SND
3645	409256.2851	3694468.896	-1.7733	SND
3646	409240.4697	3694454.364	-1.6529	SND
3647	409225.6401	3694440.623	-1.6408	SND
3648	409209.597	3694427.443	-1.6719	SND
3649	409192.3732	3694414.996	-1.6817	SND
3650	409174.8702	3694403.856	-1.6718	SND
3651	409155.6781	3694393.647	-1.6688	SND
3652	409135.1824	3694384.51	-1.6318	SND
3653	409116.0712	3694375.113	-1.7067	SND
3654	409099.6313	3694363.534	-1.6699	SND
3655	409081.5588	3694349.2	-1.6414	SND
3656	409058.7018	3694331.751	-1.6411	SND
3657	409040.7223	3694318.416	-1.6576	SND
3658	409024.2273	3694305.403	-2.0152	SND
3659	409006.8901	3694292.045	-1.9135	SND
3660	408990.4117	3694279.369	-1.8815	SND
3661	408971.9167	3694266.482	-1.9004	SND
3662	408953.685	3694255.878	-1.9194	SND
3663	408936.1971	3694246.418	-1.8246	SND
3664	408918.4538	3694236.46	-1.7134	SND
3665	408899.0354	3694225.001	-1.7352	SND
3666	408881.6794	3694213.036	-1.7408	SND
3667	408863.3405	3694199.648	-1.7085	SND
3668	408847.0588	3694185.724	-1.6375	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-21.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3669	408829.8518	3694171.05	-1.4481	SND
3670	408815.2128	3694158.45	-1.51	SND
3671	408795.7031	3694142.756	-1.1179	SND
3672	408777.3837	3694130.258	-1.1475	SND
3673	408760.4447	3694119.377	-1.1618	SND
3674	408742.215	3694107.842	-1.0024	SND
3675	408727.4787	3694099.534	-0.9681	SND
3676	408714.6682	3694090.888	-0.6924	SND
14219	410710.8	3695538.4	-0.9	SND
14220	410715.1	3695536	-1.1	SND
14221	410719.7	3695533.9	-1.2	SND
14222	410724.6	3695533.4	-1.2	SND
14223	410729.6	3695534	-1	SND
14224	410734.1	3695536	-1.1	SND
14225	410738	3695539.1	-1	SND
14226	410740.7	3695543.3	-1	SND
14227	410742.9	3695548.1	-1	SND
14228	410744.6	3695552.8	-1.1	SND
14229	410745.9	3695557.7	-1.2	SND
14230	410746.7	3695562.7	-1.1	SND
14231	410747.4	3695567.7	-1.2	SND
14232	410748.1	3695572.7	-1.2	SND
14233	410748.8	3695577.7	-1.1	SND
14234	410749.6	3695582.9	-1	SND
14235	410750.7	3695588	-1.1	SND
14236	410752.5	3695593.1	-1	SND
14237	410755	3695597.7	-1.1	SND
14238	410757.9	3695601.8	-1	SND
14239	410761.3	3695605.5	-1.2	SND
14240	410765	3695608.9	-1.1	SND
14241	410769	3695612.2	-1.1	SND
14242	410773	3695615.4	-1.1	SND
14243	410776.9	3695618.6	-1.1	SND
14244	410781	3695621.9	-1.1	SND
14245	410785	3695625.4	-1.3	SND
14246	410788.7	3695628.8	-1.2	SND
14247	410792.1	3695632.5	-1.1	SND
14248	410795.5	3695636.2	-1.2	SND
14249	410799.2	3695640.1	-1.1	SND
14250	410803	3695643.6	-1.2	SND
14251	410807.3	3695646.9	-1.2	SND
14252	410811.5	3695649.9	-1.3	SND
14253	410815.9	3695652.7	-1.2	SND
14254	410820.3	3695655.5	-1.6	SND
14255	410824.7	3695658	-2.2	SND
14256	410829.1	3695660.4	-2.4	SND
14257	410833.8	3695662.7	-2.6	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-21.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14258	410838.6	3695664.8	-2.9	SND
14259	410843.2	3695666.7	-2.9	SND
14260	410847.9	3695668.4	-2.9	SND
14261	410853.2	3695670.1	-2.9	SND
14262	410858.1	3695671.4	-3.1	SND
14263	410863.2	3695672.7	-3.1	SND
14264	410868.2	3695673.8	-3.6	SND
14265	410873.3	3695675	-3.9	SND
14266	410878.3	3695676.2	-4	SND
14267	410883.3	3695677.5	-4.2	SND
14268	410888.5	3695679.1	-4.4	SND
14269	410893.3	3695681	-4.6	SND
14270	410897.9	3695683.3	-4.5	SND
14271	410902.5	3695686	-4.6	SND
14272	410906.9	3695689.1	-4.6	SND
14273	410910.9	3695692.6	-4.6	SND
14274	410914.5	3695696.1	-4.6	SND
14275	410918.4	3695700	-5	SND
14276	410922	3695703.8	-5.1	SND
14277	410925.5	3695707.5	-4.9	SND
14278	410928.9	3695711.3	-5.2	SND
14279	410932.5	3695714.9	-5.2	SND
14280	410936.1	3695718.4	-5.1	SND
14281	410940.1	3695722	-4.7	SND
14282	410944.4	3695725.2	-4.7	SND
14283	410948.8	3695728.1	-4.8	SND
14284	410953.2	3695730.9	-4.6	SND
14285	410957.7	3695733.9	-4.6	SND
14286	410962	3695737.1	-4.6	SND
14287	410966.2	3695740.3	-4.5	SND
14288	410970.4	3695743.4	-4.3	SND
14289	410974.6	3695746.4	-4.4	SND
14290	410978.9	3695749.1	-4.3	SND
14291	410983.4	3695751.5	-4.2	SND
14292	410988	3695753.7	-4.2	SND
14293	410993.4	3695756.1	-4.3	SND
14294	410998.1	3695758	-4	SND
14295	411002.8	3695759.6	-3.9	SND
14296	411007.6	3695761.5	-3.8	SND
14297	411012.4	3695763.5	-3.4	SND
14298	411017.1	3695765.7	-2.6	SND
14299	411021.5	3695768.1	-2.2	SND
14300	411025.8	3695770.8	-2.1	SND
14301	411030	3695773.9	-1.8	SND
14302	411034.1	3695777.3	-1.6	SND
14303	411037.8	3695780.9	-1.6	SND
14304	411041.2	3695784.8	-1.5	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-21.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14305	411044.4	3695788.8	-1.5	SND
14306	411047.3	3695792.9	-1.5	SND
14307	411050.2	3695797.1	-1.3	SND
14308	411053.1	3695801.5	-1.3	SND
14309	411055.7	3695806	-1.4	SND
14310	411058.2	3695810.5	-1.2	SND
14311	411060.7	3695815	-1.3	SND
14312	411063.3	3695819.6	-1.4	SND
14313	411066	3695824.2	-1.3	SND
14314	411068.8	3695828.6	-1.4	SND
14315	411071.9	3695832.9	-1.5	SND
14316	411075.2	3695837.1	-1.5	SND
14317	411078.8	3695841.1	-1.5	SND
14318	411082.5	3695844.6	-1.6	SND
14319	411086.5	3695847.9	-1.6	SND
14320	411090.8	3695851	-1.7	SND
14321	411095.1	3695853.8	-1.8	SND
14322	411099.6	3695856.5	-1.8	SND
14323	411104.3	3695859.3	-1.8	SND
14324	411108.7	3695862	-1.6	SND
14325	411113.1	3695864.8	-1.6	SND
14326	411117.3	3695867.6	-1.5	SND
14327	411121.4	3695870.4	-1.4	SND
14328	411125.7	3695873.2	-1.4	SND
14329	411130.1	3695875.8	-1.3	SND
14330	411134.6	3695878.1	-1.2	SND
14331	411139.2	3695880.1	-1.2	SND
14332	411143.9	3695882	-0.8	SND
14333	411148.8	3695883.6	-0.6	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-22.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3678	411069.978	3696333.515	1.635	MR
3679	411059.743	3696324.187	1.572	MR
3680	411052.519	3696311.048	1.518	MR
3681	411043.765	3696297.927	1.404	MR
3682	411042.671	3696297.637	0.531	SND
3683	411026.249	3696283.983	0.536	SND
3684	411025.538	3696283.523	1.315	MR
3685	411009.706	3696268.535	1.39	MR
3686	410999.45	3696262.747	1.39	MR
3687	410998.403	3696261.841	-0.118	SND
3688	410992.464	3696259.496	-0.113	SND
3689	410984.368	3696250.917	-0.438	SND
3699	410485.379	3695890.189	-0.823	SND
3700	410474.706	3695882.959	-0.764	SND
3701	410465.781	3695876.059	-1.54	SND
3702	410457.537	3695867.665	-0.245	SND
3703	410456.384	3695866.581	1.207	MR
3704	410450.761	3695863.324	1.306	MR
3705	410450.254	3695862.581	0.675	SND
3706	410440.367	3695859.946	0.546	SND
3707	410426.854	3695855.742	0.389	SND
3708	410416.265	3695853.016	0.369	SND
3709	410409.809	3695847.813	0.161	SND
3710	410402.343	3695841.229	0.092	SND
3711	410391.158	3695831.535	-0.104	SND
3712	410377.486	3695818.586	0.115	SND
3713	410367.667	3695809.341	0.146	SND
3714	410352.199	3695796.581	0.245	SND
3715	410342.587	3695787.166	0.14	SND
3716	410333.048	3695777.198	0.24	SND
3717	410324.435	3695769.223	0.418	SND
3718	410314.474	3695759.979	0.283	SND
3719	410302.394	3695752.153	0.167	SND
3720	410290.885	3695745.804	-0.003	SND
3721	410279.043	3695739.432	-0.14	SND
3722	410266.557	3695732.564	-0.155	SND
3723	410252.736	3695724.04	-0.054	SND
3724	410240.074	3695715.423	-0.041	SND
3725	410227.85	3695706.466	-0.411	SND
3726	410215.607	3695697.144	-0.292	SND
3727	410203.264	3695685.278	-0.462	SND
3728	410191.162	3695673.716	-0.324	SND
3729	410176.533	3695659.136	-0.939	SND
3730	410164.587	3695645.875	-1.018	SND
3731	410149.893	3695627.791	-0.698	SND
3732	410136.491	3695613.8	-0.695	SND
3733	410121.13	3695601.582	-0.628	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-22.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3734	410102.428	3695591.333	-0.499	SND
3735	410087.984	3695584.614	-0.769	SND
3736	410062.633	3695567.611	0.927	SND
3737	410061.111	3695567.65	1.32	MR
3738	410054.824	3695565.222	1.232	MR
3739	410038.716	3695557.556	1.488	MR
3740	410018.516	3695546.067	1.637	MR
3741	410012.896	3695541.581	1.316	MR
3742	410011.302	3695540.847	0.293	SND
3743	409996.106	3695535.003	0.268	SND
3744	409977.915	3695523.266	0.094	SND
3745	409963.261	3695511.114	0.187	SND
3746	409949.354	3695497.374	0.396	SND
3747	409938.872	3695484.638	0.83	SND
3748	409937.929	3695483.504	1.198	MR
3749	409926.211	3695473.163	1.478	MR
3750	409911.322	3695466.035	1.415	MR
3751	409900.001	3695455.784	1.27	MR
3752	409888.507	3695444.601	1.712	MR
3753	409875.755	3695434.645	1.632	MR
3754	409864.813	3695425.579	1.48	MR
3755	409854.018	3695417.573	1.525	MR
3756	409838.11	3695403.369	1.51	MR
3757	409837.094	3695402.358	0.188	SND
3758	409827.281	3695396.633	0.008	SND
3759	409811.526	3695385.295	-0.168	SND
3760	409794.327	3695374.807	-0.44	SND
3761	409775.774	3695362.958	-0.629	SND
3762	409757.936	3695349.661	-0.732	SND
3763	409743.083	3695336.76	-0.782	SND
3764	409725.951	3695322.584	-0.79	SND
3765	409708.538	3695307.873	-0.811	SND
3766	409694.299	3695295.979	-0.86	SND
3767	409680.379	3695285.63	-0.959	SND
3768	409668.224	3695278.152	-1.031	SND
3769	409654.221	3695269.405	-0.831	SND
3770	409641.601	3695260.675	-1.072	SND
3771	409629.479	3695251.57	-1.199	SND
3772	409616.813	3695241.237	-1.202	SND
3773	409604.593	3695230.753	-1.17	SND
3774	409591.394	3695219.012	-1.07	SND
3775	409579.585	3695208.069	-1.308	SND
3776	409566.997	3695196.321	-0.91	SND
3777	409554.634	3695184.735	-1.133	SND
3778	409541.999	3695173.897	-1.139	SND
3779	409527.127	3695163.208	-1.314	SND
3780	409514.596	3695155.71	-1.205	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-22.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3781	409500.645	3695146.932	-1.274	SND
3782	409484.559	3695135.697	-1.231	SND
3783	409470.715	3695125.164	-1.603	SND
3784	409455.33	3695112.509	-1.634	SND
3785	409440.524	3695099.92	-1.613	SND
3786	409419.532	3695083.584	-1.658	SND
3787	409402.061	3695071.77	-1.681	SND
3788	409383.893	3695060.474	-1.704	SND
3789	409366.863	3695050.384	-1.693	SND
3790	409350.681	3695040.12	-1.767	SND
3791	409334.45	3695027.674	-1.665	SND
3792	409317.525	3695015.771	-1.658	SND
3793	409303.842	3695006.415	-1.694	SND
3794	409285.497	3694991.739	-1.753	SND
3795	409268.884	3694971.85	-1.731	SND
3796	409255.173	3694954.03	-1.699	SND
3797	409242.877	3694942.28	-1.591	SND
3798	409230.241	3694933.489	-1.606	SND
3799	409217.203	3694927.421	-1.578	SND
3800	409200.411	3694920.349	-1.609	SND
3801	409185.814	3694913.082	-1.589	SND
3802	409171.548	3694905.572	-1.549	SND
3803	409155.08	3694896.365	-1.544	SND
3804	409138.963	3694887.431	-1.569	SND
3805	409124.818	3694878.7	-1.684	SND
3806	409106.401	3694867.214	-1.699	SND
3807	409089.644	3694857.051	-1.855	SND
3808	409073.215	3694846.68	-1.737	SND
3809	409056.782	3694835.291	-1.705	SND
3810	409042.578	3694824.854	-1.764	SND
3811	409028.451	3694814.333	-1.635	SND
3812	409010.441	3694799.742	-1.561	SND
3813	408996.306	3694787.621	-1.539	SND
3819	408979.328	3694763.383	-1.955	SND
3820	408959.973	3694751.986	-1.869	SND
3821	408941.699	3694739.925	-1.686	SND
3822	408924.694	3694728.771	-1.545	SND
3823	408904.429	3694715.766	-1.684	SND
3824	408887.113	3694704.431	-1.631	SND
3825	408871.981	3694694.252	-1.601	SND
3826	408855.48	3694683.642	-1.655	SND
3827	408838.858	3694672.376	-1.678	SND
3828	408821.214	3694660.556	-1.837	SND
3829	408806.273	3694650.821	-1.801	SND
3830	408789.219	3694639.334	-1.833	SND
3831	408773.317	3694627.775	-1.751	SND
3832	408757.781	3694616.264	-1.686	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-22.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3833	408743.041	3694604.102	-1.736	SND
3834	408728.807	3694591.795	-1.758	SND
3835	408713.899	3694578.78	-1.761	SND
3836	408699.341	3694566.304	-1.786	SND
3837	408683.709	3694553.178	-1.828	SND
3838	408668.194	3694540.248	-1.799	SND
3839	408653.744	3694528.832	-1.771	SND
3840	408637.229	3694515.755	-1.811	SND
3841	408623.321	3694504.692	-1.931	SND
3842	408605.868	3694490.441	-1.817	SND
3843	408591.83	3694478.69	-1.829	SND
3844	408576.232	3694466.015	-1.861	SND
3845	408559.25	3694453.063	-1.902	SND
3846	408544.142	3694442.429	-1.842	SND
3847	408529.811	3694432.911	-1.853	SND
3848	408514.476	3694422.957	-1.811	SND
3849	408496.027	3694410.758	-0.675	SND
3851	408479.1566	3694401.862	-1.603	SND
14098	410977.9	3696243.6	-0.9	SND
14099	410976	3696239	-0.9	SND
14100	410974.2	3696234.3	-1.1	SND
14101	410971.5	3696230.1	-1.4	SND
14102	410968.1	3696226.4	-1.3	SND
14103	410964.2	3696223.4	-1.4	SND
14104	410959.7	3696221.1	-1.2	SND
14105	410954.9	3696219.8	-1.4	SND
14106	410949.8	3696219.1	-1.4	SND
14107	410944.9	3696218.4	-1.4	SND
14108	410939.9	3696217.4	-1.4	SND
14109	410934.9	3696216	-1.5	SND
14110	410930.1	3696214.6	-1.5	SND
14111	410925.2	3696213.2	-1.6	SND
14112	410920.3	3696211.5	-1.6	SND
14113	410915.8	3696209.2	-1.6	SND
14114	410911.9	3696206.1	-1.6	SND
14115	410908.5	3696202.2	-1.7	SND
14116	410905.9	3696197.8	-1.5	SND
14117	410903.8	3696193.2	-1.6	SND
14118	410902.1	3696188.4	-1.5	SND
14119	410900.5	3696183.4	-1.6	SND
14120	410899.1	3696178.5	-1.4	SND
14121	410897.4	3696173.8	-1.5	SND
14122	410895.6	3696169.1	-1.5	SND
14123	410893.4	3696164.3	-1.5	SND
14124	410890.8	3696159.6	-1.5	SND
14125	410888	3696155.4	-1.4	SND
14126	410884.9	3696151.1	-1.4	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-22.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14127	410881.6	3696147.1	-1.3	SND
14128	410878.1	3696143.2	-1.4	SND
14129	410874.3	3696139.4	-1.5	SND
14130	410870.5	3696135.7	-1.6	SND
14131	410865.9	3696131.7	-1.6	SND
14132	410861.8	3696128.4	-1.6	SND
14133	410857.5	3696125.2	-1.7	SND
14134	410853.2	3696122.2	-1.8	SND
14135	410849	3696119.5	-1.7	SND
14136	410844.7	3696116.9	-1.9	SND
14137	410840.2	3696114.5	-1.9	SND
14138	410835.7	3696112.2	-2	SND
14139	410831.2	3696110	-2	SND
14140	410826.4	3696107.8	-2.1	SND
14141	410821.3	3696105.7	-2.2	SND
14142	410816	3696103.7	-2.4	SND
14143	410811.1	3696102	-2.5	SND
14144	410806.2	3696100.3	-2.7	SND
14145	410801.2	3696098.7	-2.5	SND
14146	410795.7	3696097.1	-2.6	SND
14147	410790.7	3696095.6	-2.7	SND
14148	410785.6	3696094.1	-3.3	SND
14149	410780.5	3696092.7	-3.5	SND
14150	410775.4	3696091.3	-3.6	SND
14151	410770.2	3696090	-3.7	SND
14152	410765.1	3696088.7	-3.7	SND
14153	410759.8	3696087.4	-3.8	SND
14154	410754.9	3696086.2	-4.1	SND
14155	410750	3696084.9	-3.9	SND
14156	410744.8	3696083.4	-4	SND
14157	410739.8	3696081.6	-4	SND
14158	410734.9	3696079.5	-4.1	SND
14159	410730.2	3696077.2	-4.5	SND
14160	410725.7	3696074.8	-4.5	SND
14161	410721.3	3696072	-5	SND
14162	410717	3696069.1	-4.9	SND
14163	410712.7	3696066.2	-4.3	SND
14164	410708.5	3696063.2	-4.2	SND
14165	410704.2	3696060.1	-4.3	SND
14166	410699.9	3696057.2	-4.3	SND
14167	410695.4	3696054.1	-4.1	SND
14168	410691.3	3696051.1	-3.9	SND
14169	410687.3	3696048	-3.8	SND
14170	410683.3	3696044.7	-3.6	SND
14171	410679.3	3696041	-3.5	SND
14172	410675.5	3696037	-3.6	SND
14173	410671.8	3696033	-3.6	SND

# TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-22.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14174	410667.9	3696029.1	-3.5	SND
14175	410664.2	3696025.7	-3.3	SND
14176	410659.7	3696022.2	-3.1	SND
14177	410655	3696019.1	-3	SND
14178	410650.3	3696016.6	-3.1	SND
14179	410645.2	3696014.1	-3	SND
14180	410640	3696012	-2.9	SND
14181	410635	3696010.1	-2.6	SND
14182	410630.4	3696008.2	-2.5	SND
14183	410625.6	3696005.9	-1.9	SND
14184	410621	3696003.7	-1.3	SND
14185	410616.5	3696001.3	-1.3	SND
14186	410612	3695998.9	-1.3	SND
14187	410607.6	3695996.4	-1.3	SND
14188	410603.2	3695993.5	-1.3	SND
14189	410599.1	3695990.3	-1.3	SND
14190	410594.9	3695986.7	-1.5	SND
14191	410591.4	3695983	-1.4	SND
14192	410587.9	3695979.1	-1.5	SND
14193	410584.6	3695975.1	-1.3	SND
14194	410581.5	3695971.2	-1.3	SND
14195	410578.2	3695967.2	-1.4	SND
14196	410575.1	3695963.1	-1.3	SND
14197	410571.5	3695958.3	-1.2	SND
14198	410568.4	3695954.1	-1.3	SND
14199	410565.3	3695949.9	-1.2	SND
14200	410562	3695945.4	-1.2	SND
14201	410558.9	3695941.2	-1.2	SND
14202	410555.8	3695937.1	-1.2	SND
14203	410552.8	3695933.1	-1.2	SND
14204	410549.6	3695928.9	-1.3	SND
14205	410546.5	3695925	-1.2	SND
14206	410543.2	3695920.8	-1.2	SND
14207	410540	3695916.7	-1.3	SND
14208	410536.7	3695912.7	-1.3	SND
14209	410533.4	3695908.7	-1.2	SND
14210	410530.1	3695904.7	-1.1	SND
14211	410526.8	3695901	-1.1	SND
14212	410523.5	3695897.1	-1.1	SND
14213	410520	3695893.2	-1.1	SND
14214	410516.7	3695889.4	-1	SND
14215	410513.4	3695885.5	-1	SND
14216	410510.2	3695881.6	-0.8	SND
14217	410506.8	3695877.7	-0.9	SND
14218	410503.5	3695873.9	-0.8	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-23.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3861	408225.7281	3694737.116	-1.862	SND
3862	408245.349	3694750.996	-1.894	SND
3863	408258.79	3694760.308	-1.966	SND
3864	408269.471	3694768.136	-2.066	SND
3865	408279.528	3694775.441	-2.093	SND
3866	408290.808	3694783.022	-2.071	SND
3867	408301.312	3694789.876	-2.071	SND
3868	408312.506	3694797.577	-2.05	SND
3869	408323.409	3694805.525	-2.042	SND
3870	408334.013	3694813.314	-2.094	SND
3871	408345.793	3694821.489	-1.927	SND
3872	408368.821	3694836.946	-1.827	SND
3873	408380.985	3694844.826	-1.874	SND
3874	408392.014	3694851.55	-1.851	SND
3875	408403.269	3694857.524	-1.9	SND
3876	408416.176	3694864.001	-1.89	SND
3877	408428.42	3694870.371	-1.848	SND
3878	408442.142	3694878.172	-1.844	SND
3879	408455.555	3694885.858	-1.851	SND
3880	408467.848	3694893.842	-1.935	SND
3881	408478.945	3694900.884	-1.907	SND
3882	408489.971	3694908.463	-1.921	SND
3886	408499.485	3694930.017	-2.004	SND
3887	408513.615	3694935.071	-1.902	SND
3888	408529.701	3694943.113	-2.278	SND
3889	408545.524	3694951.576	-2.148	SND
3890	408558.744	3694960.819	-2.038	SND
3891	408573.075	3694971.411	-2.054	SND
3892	408587.11	3694982.231	-2.15	SND
3893	408602.256	3694993.447	-2.13	SND
3894	408621.053	3695006.398	-2.384	SND
3895	408632.955	3695014.784	-2.421	SND
3896	408643.092	3695022.008	-2.378	SND
3897	408652.635	3695029.368	-2.409	SND
3898	408663.413	3695038.005	-2.412	SND
3899	408672.917	3695045.64	-2.394	SND
3900	408685.179	3695055.084	-2.301	SND
3901	408696.778	3695064.646	-2.402	SND
3902	408707.135	3695073.134	-2.37	SND
3903	408717.903	3695081.95	-2.394	SND
3904	408730.059	3695092.132	-2.38	SND
3905	408741.525	3695102.339	-2.3	SND
3906	408752.995	3695112.58	-2.302	SND
3907	408764.854	3695122.741	-2.242	SND
3908	408776.166	3695131.58	-2.227	SND
3909	408788.13	3695140.385	-2.203	SND
3910	408799.881	3695149.324	-2.168	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-23.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3911	408811.666	3695158.961	-2.234	SND
3912	408824.195	3695169.286	-2.106	SND
3913	408838.6	3695180.743	-2.11	SND
3914	408850.989	3695190.013	-2.139	SND
3915	408865.598	3695199.387	-2.323	SND
3916	408878.869	3695208.039	-2.28	SND
3917	408891.372	3695215.469	-2.286	SND
3918	408903.645	3695222.939	-2.287	SND
3919	408914.558	3695229.532	-2.297	SND
3920	408925.887	3695236.622	-2.24	SND
3921	408936.623	3695243.448	-2.235	SND
3922	408945.953	3695249.847	-2.236	SND
3923	408957.839	3695258.035	-2.159	SND
3924	408968.785	3695265.465	-2.162	SND
3925	408979.301	3695273.067	-2.157	SND
3926	408990.484	3695281.126	-2.147	SND
3927	409000.95	3695289.146	-2.081	SND
3928	409011.303	3695297.22	-2.062	SND
3929	409021.608	3695305.343	-2.046	SND
3930	409032.553	3695313.334	-2.055	SND
3931	409043.87	3695320.453	-1.986	SND
3932	409058.326	3695331.314	-2.029	SND
3933	409068.214	3695339.65	-2.018	SND
3934	409078.117	3695348.581	-1.969	SND
3935	409087.09	3695357.799	-1.942	SND
3936	409096.723	3695366.643	-1.925	SND
3937	409107.036	3695376.012	-1.869	SND
3938	409117.347	3695384.261	-1.89	SND
3939	409129.11	3695393.066	-1.866	SND
3940	409139.641	3695400.856	-1.844	SND
3941	409150.507	3695408.92	-1.831	SND
3942	409161.495	3695417.458	-1.879	SND
3943	409172.429	3695425.71	-1.863	SND
3944	409185.769	3695435.217	-1.788	SND
3945	409195.519	3695441.947	-1.764	SND
3946	409205.424	3695448.886	-1.625	SND
3947	409215.68	3695455.861	-1.653	SND
3948	409225.448	3695462.942	-1.715	SND
3949	409236.55	3695471.414	-1.708	SND
3950	409246.167	3695478.231	-1.609	SND
3951	409256.471	3695485.141	-1.559	SND
3952	409265.785	3695491.266	-1.465	SND
3953	409277.962	3695499.172	-1.424	SND
3954	409287.26	3695505.695	-1.351	SND
3955	409298.381	3695513.673	-1.346	SND
3956	409307.311	3695520.124	-1.286	SND
3957	409316.906	3695526.832	-1.291	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-23.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
3958	409326.325	3695533.788	-1.24	SND
3959	409336.117	3695541.165	-1.176	SND
3960	409345.908	3695548.294	-1.149	SND
3961	409356.24	3695555.382	-1.056	SND
3962	409365.678	3695561.737	-1.066	SND
3963	409375.107	3695567.91	-1.03	SND
3964	409385.037	3695574.631	-0.922	SND
3965	409395.487	3695581.557	-0.886	SND
3966	409405.505	3695588.095	-0.917	SND
3967	409416.791	3695595.698	-0.891	SND
3968	409426.131	3695603.028	-0.846	SND
3969	409435.145	3695610.953	-0.788	SND
3970	409453.683	3695636.101	-0.606	SND
3971	409462.849	3695641.584	0.223	SND
3972	409464.114	3695641.807	1.279	MR
3973	409483.338	3695652.092	1.58	MR
3974	409490.717	3695658.609	1.204	MR
3975	409492.097	3695659.637	0.74	SND
3976	409500.482	3695663.709	0.457	SND
3977	409511.352	3695674.433	0.481	SND
3978	409512.046	3695675.997	1.228	MR
3979	409520.365	3695682.159	1.206	MR
3980	409532.396	3695694.443	1.333	MR
3981	409533.248	3695696.444	-0.485	SND
3982	409539.649	3695701.786	-0.172	SND
3983	409546.707	3695708.674	-0.25	SND
3984	409554.866	3695713.658	-0.178	SND
3985	409564.788	3695720.766	-0.561	SND
3986	409576.371	3695728.267	-0.897	SND
3987	409587.446	3695734.963	-0.866	SND
3988	409598.661	3695742.685	-1.408	SND
3989	409611.527	3695751.191	-1.647	SND
3990	409621.78	3695758.628	-1.646	SND
3991	409635.11	3695769.112	-1.332	SND
3992	409645.286	3695776.735	-1.501	SND
3993	409659.833	3695788.227	-1.107	SND
3994	409671.504	3695796.77	-0.806	SND
3995	409682.642	3695805.171	-0.757	SND
3996	409694.401	3695812.565	-0.743	SND
3997	409705.135	3695819.083	-0.777	SND
3998	409716.356	3695825.33	-0.839	SND
3999	409729.114	3695832.256	-0.861	SND
4000	409740.269	3695838.595	-0.827	SND
4001	409750.747	3695845.185	-0.585	SND
4002	409762.382	3695852.759	-0.163	SND
4003	409772.483	3695860.098	-0.24	SND
4004	409782.919	3695867.556	-0.214	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-23.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4005	409793.892	3695876.452	-0.28	SND
4006	409805.536	3695885.077	-0.201	SND
4007	409815.372	3695893.693	-0.478	SND
4008	409824.466	3695901.688	-0.506	SND
4009	409835.052	3695910.8	-0.521	SND
4010	409845.628	3695920.234	-0.648	SND
4011	409857.252	3695930.699	-0.639	SND
4012	409868.609	3695944.381	-0.675	SND
4013	409882.119	3695948.309	-0.607	SND
4030	410833.513	3696644.954	-0.622	SND
4031	410840.157	3696649.807	-0.362	SND
4032	410849.699	3696658.071	-0.008	SND
4033	410850.99	3696659.148	1.396	MR
4034	410855.007	3696661.334	1.319	MR
4035	410856.405	3696662.662	0.482	SND
4036	410862.853	3696667.641	0.341	SND
4037	410869.503	3696675.753	0.361	SND
4038	410879.541	3696686.496	0.341	SND
4039	410890.51	3696695.853	0.485	SND
4040	410901.548	3696702.961	0.451	SND
4041	410911.8976	3696710.42	0.447	SND
13872	410836.8	3696619.1	-0.8	SND
13873	410836	3696614.1	-0.4	SND
13874	410834.5	3696609.4	-0.7	SND
13875	410832.4	3696604.9	-0.6	SND
13876	410829.5	3696600.8	-0.5	SND
13877	410825.7	3696597.7	-0.6	SND
13878	410821.1	3696595.7	-0.5	SND
13879	410816.1	3696594.2	-0.7	SND
13880	410811.4	3696592.7	-0.6	SND
13881	410806.8	3696590.6	-0.7	SND
13882	410802.6	3696587.9	-0.8	SND
13883	410798.4	3696585.1	-0.7	SND
13884	410794.1	3696582.5	-0.8	SND
13885	410789.5	3696580.4	-0.8	SND
13886	410784.7	3696578.8	-0.8	SND
13887	410779.9	3696577.2	-0.9	SND
13888	410774.9	3696575.5	-0.8	SND
13889	410770	3696573.6	-0.7	SND
13890	410765.2	3696571.5	-0.8	SND
13891	410760.5	3696569.5	-0.9	SND
13892	410755.7	3696567.7	-0.9	SND
13893	410751	3696565.9	-0.9	SND
13894	410746.3	3696564.1	-0.9	SND
13895	410741.2	3696561.6	-0.8	SND
13896	410736.5	3696558.9	-0.8	SND
13897	410732.3	3696556	-0.7	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-23.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13898	410728	3696552.9	-0.6	SND
13899	410723.9	3696549.8	-0.7	SND
13900	410719.9	3696546.8	-0.6	SND
13901	410715.7	3696543.9	-0.7	SND
13902	410711.5	3696541	-0.8	SND
13903	410707.2	3696538.2	-0.8	SND
13904	410702.7	3696535.5	-0.7	SND
13905	410698.2	3696532.8	-1	SND
13906	410693.8	3696530.4	-0.9	SND
13907	410689.2	3696527.8	-1	SND
13908	410684.3	3696525.2	-1	SND
13909	410679.6	3696522.7	-1.1	SND
13910	410675.1	3696520.2	-1	SND
13911	410670.6	3696517.9	-1	SND
13912	410666	3696515.4	-1.1	SND
13913	410661.1	3696513.1	-1.1	SND
13914	410656.4	3696511	-1.1	SND
13915	410651.4	3696509.1	-1.2	SND
13916	410646.5	3696507.5	-1.3	SND
13917	410641.6	3696506	-1.4	SND
13918	410636.4	3696504.4	-1.3	SND
13919	410631.3	3696502.7	-1.4	SND
13920	410626.3	3696500.9	-1.4	SND
13921	410621.5	3696499.1	-1.4	SND
13922	410616.6	3696497	-1.4	SND
13923	410611.9	3696494.8	-1.5	SND
13924	410606.6	3696491.9	-1.6	SND
13925	410602.4	3696488.9	-1.7	SND
13926	410598.5	3696485.7	-1.7	SND
13927	410594.7	3696482.3	-1.7	SND
13928	410591	3696478.4	-1.8	SND
13929	410587.6	3696474.7	-1.7	SND
13930	410584.1	3696470.9	-1.9	SND
13931	410580.5	3696467.3	-2	SND
13932	410576.8	3696463.5	-2	SND
13933	410572.9	3696459.2	-1.9	SND
13934	410569.7	3696455.2	-2	SND
13935	410566.8	3696451	-2.2	SND
13936	410563.9	3696446.6	-2.2	SND
13937	410560.9	3696442.2	-2.2	SND
13938	410557.8	3696437.9	-2.3	SND
13939	410554.7	3696434	-2.4	SND
13940	410551.5	3696430.1	-2.5	SND
13941	410548.5	3696426.1	-2.5	SND
13942	410545.5	3696422	-2.6	SND
13943	410542.4	3696418.1	-2.6	SND
13944	410538.9	3696414.4	-2.8	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-23.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13945	410535.2	3696411	-2.9	SND
13946	410530.8	3696407.2	-3	SND
13947	410526.8	3696404.1	-3	SND
13948	410522.7	3696401	-3.3	SND
13949	410518.4	3696397.9	-3.1	SND
13950	410514.2	3696394.8	-3.2	SND
13951	410509.6	3696391.4	-3.2	SND
13952	410505.3	3696388.3	-3.7	SND
13953	410501	3696385	-3.7	SND
13954	410496.4	3696381.4	-4	SND
13955	410492.2	3696378	-3.4	SND
13956	410487.9	3696374.6	-3.5	SND
13957	410483.8	3696371.5	-4.2	SND
13958	410479.6	3696368.6	-3.7	SND
13959	410475.4	3696365.5	-3.8	SND
13960	410471.4	3696362.4	-4.2	SND
13961	410467.3	3696358.9	-3.8	SND
13962	410463.5	3696355.5	-3.6	SND
13963	410459.7	3696351.9	-3.7	SND
13964	410456	3696347.9	-3	SND
13965	410452.5	3696343.8	-2.8	SND
13966	410448.9	3696339.8	-2.9	SND
13967	410444.8	3696336	-2.8	SND
13968	410440.5	3696332.6	-2.7	SND
13969	410435.8	3696329.1	-2.6	SND
13970	410431.6	3696326.1	-2.7	SND
13971	410427.4	3696323.3	-2.7	SND
13972	410423.1	3696320.5	-2.6	SND
13973	410418.8	3696317.8	-2.5	SND
13974	410414.6	3696315.1	-2.6	SND
13975	410410.3	3696312.4	-2.6	SND
13976	410405.4	3696309.6	-2.6	SND
13977	410401	3696307	-2.2	SND
13978	410396.5	3696304.5	-1.4	SND
13979	410391.6	3696302.1	-1.4	SND
13980	410386.6	3696299.8	-1.4	SND
13981	410381.4	3696297.5	-2	SND
13982	410376.7	3696295.4	-2.3	SND
13983	410371	3696292.4	-2.4	SND
13984	410366.4	3696289.7	-1.9	SND
13985	410362.1	3696287.1	-1.7	SND
13986	410357.7	3696284.2	-1.7	SND
13987	410353.3	3696281.2	-1.6	SND
13988	410349.1	3696278.3	-1.6	SND
13989	410344.8	3696275.1	-1.6	SND
13990	410340.6	3696271.8	-1.5	SND
13991	410336.7	3696268.4	-1.5	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-23.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13992	410332.9	3696265	-1.5	SND
13993	410329.2	3696261.4	-1.5	SND
13994	410325.6	3696257.8	-1.4	SND
13995	410322	3696254.1	-1.5	SND
13996	410318.5	3696250.4	-1.3	SND
13997	410314.5	3696246.4	-1.2	SND
13998	410310.9	3696242.8	-1.3	SND
13999	410307.2	3696239.1	-1.4	SND
14000	410303.4	3696235.5	-1.3	SND
14001	410299.6	3696232.1	-1.3	SND
14002	410295.5	3696228.6	-1.3	SND
14003	410291.3	3696225.3	-1.3	SND
14004	410287.1	3696222.2	-1.4	SND
14005	410282.7	3696219.2	-1.3	SND
14006	410278.3	3696216.3	-1.4	SND
14007	410273.7	3696213.5	-1.3	SND
14008	410269.1	3696211	-1.2	SND
14009	410264.4	3696208.5	-1.2	SND
14010	410259.6	3696206.2	-1.3	SND
14011	410254.8	3696204	-1.2	SND
14012	410249.7	3696202.2	-1.1	SND
14013	410244.7	3696200.6	-1.3	SND
14014	410239.8	3696199.1	-1.4	SND
14015	410234.9	3696197.6	-1.4	SND
14016	410229.8	3696195.9	-1.2	SND
14017	410225.1	3696194.2	-1.4	SND
14018	410220.3	3696192.2	-1.3	SND
14019	410215.6	3696190.1	-1.6	SND
14020	410211.1	3696187.7	-1.6	SND
14021	410206.7	3696185.1	-1.6	SND
14022	410202.3	3696182.2	-1.6	SND
14023	410198.2	3696179.2	-1.4	SND
14024	410194.2	3696175.7	-1.3	SND
14025	410190.4	3696172	-1.4	SND
14026	410186.8	3696168.2	-1.6	SND
14027	410183.4	3696164.4	-1.6	SND
14028	410180	3696160.4	-1.6	SND
14029	410176.7	3696156.3	-1.7	SND
14030	410173.5	3696152.2	-1.8	SND
14031	410170.4	3696148	-1.7	SND
14032	410167	3696143.5	-1.5	SND
14033	410163.9	3696139.4	-1.6	SND
14034	410160.6	3696135.2	-1.6	SND
14035	410157.3	3696131.3	-1.5	SND
14036	410153.8	3696127.4	-1.6	SND
14037	410150.2	3696123.7	-1.5	SND
14038	410146.4	3696120	-1.5	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-23.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14039	410142.5	3696116.5	-1.4	SND
14040	410137.3	3696112.5	-1.2	SND
14041	410133.1	3696109.5	-1.4	SND
14042	410128.6	3696106.4	-1.3	SND
14043	410124.2	3696103.8	-1.4	SND
14044	410119.5	3696101.2	-1.4	SND
14045	410114.9	3696099.1	-1.3	SND
14046	410110.2	3696097.2	-1.1	SND
14047	410105.5	3696095.5	-1.2	SND
14048	410100.7	3696093.7	-1	SND
14049	410095.8	3696091.8	-0.8	SND
14050	410090.9	3696090	-0.8	SND
14051	410086.2	3696088.2	-0.7	SND
14052	410081.3	3696086.1	-0.7	SND
14053	410076.7	3696083.9	-0.7	SND
14054	410072.2	3696081.4	-0.7	SND
14055	410068	3696078.7	-0.6	SND
14056	410063.4	3696075.4	-0.6	SND
14057	410059.3	3696072.1	-0.6	SND
14058	410055.4	3696068.7	-0.5	SND
14059	410051.4	3696065.2	-0.7	SND
14060	410047.6	3696061.6	-0.5	SND
14061	410044.2	3696058	-0.6	SND
14062	410040.7	3696054	-0.7	SND
14063	410037.4	3696050.2	-0.7	SND
14064	410033.8	3696046.6	-0.8	SND
14065	410030.1	3696043.1	-0.7	SND
14066	410026.2	3696039.7	-0.6	SND
14067	410022.3	3696036.6	-0.7	SND
14068	410018.3	3696033.3	-0.9	SND
14069	410014.2	3696030	-0.9	SND
14070	410010.2	3696026.6	-0.9	SND
14071	410006.4	3696023.3	-0.6	SND
14072	410002.5	3696019.8	-0.7	SND
14073	409998.5	3696016.4	-0.7	SND
14074	409994.3	3696013.2	-0.7	SND
14075	409989.8	3696010	-0.7	SND
14076	409985.5	3696007.2	-0.7	SND
14077	409981.1	3696004.3	-0.6	SND
14078	409976.9	3696001.6	-0.7	SND
14079	409972.6	3695998.8	-0.8	SND
14080	409968.4	3695995.8	-0.7	SND
14081	409964.3	3695992.7	-0.8	SND
14082	409960.1	3695989.4	-0.7	SND
14083	409956.1	3695986.2	-0.7	SND
14084	409952.2	3695983	-0.7	SND
14085	409948.3	3695979.8	-0.7	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-23.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
14086	409944.3	3695976.6	-0.6	SND
14087	409940.5	3695973.4	-0.6	SND
14088	409936.7	3695970.2	-0.6	SND
14089	409932.8	3695966.9	-0.7	SND
14090	409928.9	3695963.6	-0.7	SND
14091	409925.1	3695960.4	-0.8	SND
14092	409921.3	3695957.2	-0.8	SND
14093	409917.3	3695953.8	-0.7	SND
14094	409913.5	3695950.4	-0.5	SND
14095	409909.7	3695947.1	-0.7	SND
14096	409905.9	3695943.6	-0.7	SND
14097	409902.2	3695940.2	-0.8	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-24.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4042	410578.3099	3696946.384	1.471	MR
4043	410563.924	3696929.861	1.303	MR
4044	410550.754	3696920.582	1.6	MR
4045	410531.65	3696906.594	1.401	MR
4046	410518.097	3696896.046	1.565	MR
4047	410508.728	3696890.018	1.528	MR
4048	410498.143	3696883.699	1.215	MR
4049	410496.679	3696883.144	-0.45	SND
4050	410486.184	3696880.756	-0.972	SND
4051	410472.287	3696873.933	-1.085	SND
4059	409676.562	3696273.93	-0.814	SND
4060	409666.463	3696262.765	-0.752	SND
4061	409654.968	3696253.227	-0.706	SND
4062	409641.25	3696244.068	-0.787	SND
4063	409628.78	3696237.283	-0.594	SND
4064	409616.076	3696230.579	-0.693	SND
4065	409603.894	3696223.748	-0.525	SND
4066	409591.899	3696216.286	-0.266	SND
4067	409580.133	3696207.744	0.025	SND
4068	409569.085	3696199.725	0.207	SND
4069	409558.03	3696191.372	0.412	SND
4070	409548.826	3696184.898	0.33	SND
4071	409539.507	3696178.545	0.379	SND
4072	409530.801	3696172.03	0.406	SND
4073	409521.717	3696166.208	0.487	SND
4074	409514.124	3696161.47	0.625	SND
4075	409505.704	3696156.295	0.747	SND
4076	409496.312	3696150.092	0.894	SND
4077	409487.167	3696144.208	1.062	SND
4078	409477.851	3696135.85	0.793	SND
4079	409476.405	3696135.311	1.206	MR
4080	409461.005	3696126.348	1.224	MR
4081	409459.376	3696125.136	0.396	SND
4082	409443.951	3696113.419	0.729	SND
4083	409430.51	3696101.887	0.505	SND
4084	409411.793	3696084.606	0.77	SND
4085	409401.484	3696075.694	0.234	SND
4086	409389.962	3696065.377	0.193	SND
4087	409379.346	3696054.771	0.176	SND
4088	409366.903	3696045.603	0.09	SND
4089	409356.066	3696038.101	0.23	SND
4090	409345.264	3696031.032	0.15	SND
4091	409332.057	3696023.153	0.031	SND
4092	409321.035	3696016.604	0.077	SND
4093	409305.871	3696007.41	0.154	SND
4094	409292.38	3695999.22	0.194	SND
4095	409277.905	3695990.318	0.151	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-24.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4096	409262.491	3695982.239	0.182	SND
4097	409250.141	3695975.408	0.224	SND
4098	409239.499	3695969.407	0.177	SND
4099	409225.629	3695961.12	0.14	SND
4100	409214.497	3695954.088	0.236	SND
4101	409203.275	3695946.386	-0.095	SND
4102	409193.2	3695938.062	0.038	SND
4103	409182.884	3695929.122	0.064	SND
4104	409173.826	3695920.247	0.027	SND
4105	409163.17	3695909.778	0.151	SND
4106	409151.693	3695897.841	-0.02	SND
4107	409141.272	3695887.35	-0.129	SND
4108	409130.421	3695876.959	-0.138	SND
4109	409106.942	3695855.701	-0.144	SND
4110	409105.453	3695854.629	0.998	MR
4111	409086.888	3695845.909	1.696	MR
4112	409071.345	3695839.93	1.433	MR
4113	409054.986	3695834.96	1.731	MR
4114	409039.648	3695826.645	1.307	MR
4115	409037.856	3695825.512	0.06	SND
4116	409028.278	3695822.558	-0.439	SND
4117	409016.285	3695816.212	-0.556	SND
4118	409005.808	3695809.067	-0.63	SND
4119	408993.935	3695797.944	-0.643	SND
4120	408983.596	3695787.561	-0.812	SND
4121	408968.366	3695772.977	-0.888	SND
4122	408953.24	3695758.155	-0.873	SND
4123	408935.18	3695740.639	-0.852	SND
4124	408922.396	3695729.932	-0.913	SND
4125	408908.081	3695716.764	-0.942	SND
4126	408895.202	3695703.344	-0.736	SND
4127	408882.988	3695690.992	-0.684	SND
4128	408871.395	3695679.637	-0.683	SND
4129	408859.607	3695667.295	-0.017	SND
4130	408848.107	3695655.788	-0.527	SND
4131	408835.605	3695645.595	-0.446	SND
4132	408823.506	3695637.396	-0.504	SND
4133	408810.933	3695628.628	-0.403	SND
4134	408798.121	3695619.555	-0.245	SND
4135	408785.235	3695610.338	-0.323	SND
4136	408771.428	3695601.246	-0.005	SND
4137	408760.069	3695592.136	-0.585	SND
4138	408748.119	3695581.915	-0.797	SND
4139	408735.28	3695570.474	-1.489	SND
4140	408721.03	3695558.755	-1.752	SND
4141	408707.148	3695548.851	-1.497	SND
4142	408692.139	3695539.412	-1.832	SND

TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-24.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4143	408675.154	3695528.398	-1.911	SND
4144	408658.945	3695517.428	-1.892	SND
4145	408642.938	3695506.308	-1.833	SND
4146	408628.096	3695494.826	-1.788	SND
4147	408614.362	3695483.492	-1.821	SND
4148	408599.895	3695470.941	-1.894	SND
4149	408585.727	3695459.451	-1.851	SND
4150	408569.129	3695446.513	-1.956	SND
4151	408553.366	3695434.468	-1.866	SND
4152	408535.41	3695421.523	-1.826	SND
4153	408516.268	3695409.981	-1.922	SND
4154	408498.27	3695400.741	-1.852	SND
4155	408475.818	3695389.13	-1.775	SND
4156	408457.75	3695378.914	-1.799	SND
4157	408440.814	3695369.589	-1.792	SND
4158	408426.477	3695361.74	-1.746	SND
4159	408409.227	3695351.945	-1.732	SND
4160	408391.301	3695342.164	-1.738	SND
4161	408372.875	3695331.565	-1.725	SND
4162	408358.507	3695321.159	-1.697	SND
4163	408346.532	3695311.054	-1.696	SND
4164	408334.098	3695299.149	-1.647	SND
4165	408318.087	3695283.386	-1.665	SND
4166	408304.131	3695270.353	-1.656	SND
4167	408289.864	3695258.103	-1.567	SND
4168	408275.691	3695245.979	-1.546	SND
4169	408261.503	3695234.421	-1.52	SND
4170	408245.702	3695222.019	-1.609	SND
4171	408230.71	3695212.337	-1.603	SND
4177	408219.819	3695196.459	-1.978	SND
4178	408206.314	3695180.696	-1.931	SND
4179	408190.377	3695167.474	-2.193	SND
4180	408171.987	3695157.273	-1.98	SND
4181	408154.939	3695148.279	-1.931	SND
4182	408138.413	3695140.569	-1.873	SND
4183	408120.192	3695131.787	-2.002	SND
4184	408102.69	3695122.989	-1.911	SND
4185	408086.102	3695113.893	-1.909	SND
4186	408071.689	3695104.522	-1.932	SND
4187	408058.087	3695093.67	-1.92	SND
4188	408046.445	3695081.682	-1.838	SND
4189	408032.858	3695068.701	-1.728	SND
4190	408017.571	3695056.431	-1.742	SND
4191	408000.618	3695045.938	-1.764	SND
4192	407994.484	3695042.307	-1.681	SND
13684	410467.9	3696843.6	-1.1	SND
13685	410463.2	3696841.9	-1.1	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-24.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13686	410457.9	3696840.7	-1.2	SND
13687	410453	3696839.7	-1.1	SND
13688	410448	3696838.7	-1.1	SND
13689	410443.1	3696837.6	-0.9	SND
13690	410438.2	3696836.7	-0.7	SND
13691	410433.2	3696836.2	-0.7	SND
13692	410427.6	3696835.8	-0.9	SND
13693	410421.6	3696835.1	-0.8	SND
13694	410416.8	3696833.7	-0.8	SND
13695	410412.4	3696831.1	-0.8	SND
13696	410408.3	3696826.3	-0.5	SND
13697	410405.5	3696822	-0.6	SND
13698	410402.9	3696817.3	-0.6	SND
13699	410400.3	3696812.8	-0.7	SND
13700	410397.9	3696808.4	-0.6	SND
13701	410395.4	3696803.8	-0.7	SND
13702	410392.3	3696798.7	-0.7	SND
13703	410389.2	3696794.4	-0.7	SND
13704	410385.9	3696790.6	-0.8	SND
13705	410382.2	3696787.3	-0.6	SND
13706	410377.8	3696784.3	-0.7	SND
13707	410373.4	3696781.7	-0.8	SND
13708	410369	3696779.1	-0.8	SND
13709	410364.6	3696776.4	-1	SND
13710	410360.4	3696773.6	-0.9	SND
13711	410356.3	3696770.6	-1.2	SND
13712	410352.1	3696767.6	-1.3	SND
13713	410347.7	3696764.7	-1.3	SND
13714	410343.3	3696761.9	-1.3	SND
13715	410338.7	3696759.2	-1.2	SND
13716	410334.3	3696756.7	-1.3	SND
13717	410329.8	3696754.3	-1.3	SND
13718	410325.4	3696751.8	-1.5	SND
13719	410321	3696749.1	-1.4	SND
13720	410316.7	3696746.4	-1.4	SND
13721	410312.6	3696743.6	-1.5	SND
13722	410308.4	3696740.8	-1.3	SND
13723	410303.6	3696737.6	-1.5	SND
13724	410299.2	3696734.5	-1.8	SND
13725	410295.1	3696731.6	-2.1	SND
13726	410290.4	3696727.8	-2.2	SND
13727	410286.4	3696724.5	-2.4	SND
13728	410282.5	3696721.4	-2.5	SND
13729	410278.4	3696718	-2.7	SND
13730	410274.2	3696714.5	-2.7	SND
13731	410269.9	3696711.1	-2.7	SND
13732	410265.9	3696708	-3	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-24.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13733	410261.8	3696704.9	-3.1	SND
13734	410257.7	3696701.8	-3.2	SND
13735	410253.6	3696698.7	-3.2	SND
13736	410249.4	3696695.6	-3.3	SND
13737	410245.1	3696692.6	-3.4	SND
13738	410240.7	3696689.7	-3.4	SND
13739	410236.4	3696686.9	-3.6	SND
13740	410232	3696684.1	-3.5	SND
13741	410227.5	3696681.5	-3.6	SND
13742	410222.8	3696678.9	-3.6	SND
13743	410218.2	3696676.4	-3.7	SND
13744	410213.4	3696674.2	-3.7	SND
13745	410208.6	3696671.9	-3.8	SND
13746	410203.7	3696669.7	-4.4	SND
13747	410198.9	3696667.6	-4	SND
13748	410194.1	3696665.5	-3.8	SND
13749	410189.1	3696663.3	-3.6	SND
13750	410184.1	3696661.1	-3.6	SND
13751	410179.2	3696658.8	-3.6	SND
13752	410174.4	3696656.5	-3.5	SND
13753	410169.5	3696654.1	-3.9	SND
13754	410164.9	3696651.8	-3.6	SND
13755	410160.3	3696649.3	-3.4	SND
13756	410155.9	3696646.8	-3.4	SND
13757	410151.6	3696644.1	-3.3	SND
13758	410147.4	3696641.4	-3.1	SND
13759	410143.2	3696638.6	-2.9	SND
13760	410139	3696635.8	-2.8	SND
13761	410134.7	3696632.9	-2.9	SND
13762	410130.2	3696630.1	-2.2	SND
13763	410125.7	3696627.6	-2	SND
13764	410121.1	3696625.2	-2.1	SND
13765	410116.5	3696622.6	-2.1	SND
13766	410111.8	3696619.8	-2.3	SND
13767	410107.4	3696616.6	-2.7	SND
13768	410103.1	3696613.3	-2.6	SND
13769	410098.7	3696609.7	-2.4	SND
13770	410094.6	3696606.3	-1.8	SND
13771	410090.6	3696603.2	-1.8	SND
13772	410086.2	3696600	-2.4	SND
13773	410082	3696597.3	-2.7	SND
13774	410077.6	3696594.7	-2.8	SND
13775	410073	3696592.2	-2.9	SND
13776	410068.6	3696589.8	-1.9	SND
13777	410064.1	3696587.2	-1.8	SND
13778	410059.8	3696584.3	-1.8	SND
13779	410055.7	3696581.2	-1.6	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-24.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13780	410051.5	3696577.7	-1.7	SND
13781	410047.4	3696574.1	-1.5	SND
13782	410043.6	3696570.5	-1.5	SND
13783	410039.9	3696566.9	-1.5	SND
13784	410036.1	3696563.2	-1.6	SND
13785	410032.3	3696559.5	-1.5	SND
13786	410028.7	3696555.8	-1.5	SND
13787	410025	3696552	-1.5	SND
13788	410021.4	3696548.2	-1.5	SND
13789	410017.7	3696544.5	-1.4	SND
13790	410014.1	3696540.8	-1.5	SND
13791	410010.3	3696537.1	-1.5	SND
13792	410006.6	3696533.7	-1.4	SND
13793	410002.3	3696529.9	-1.3	SND
13794	409998.1	3696526.5	-1.3	SND
13795	409993.9	3696523.2	-1.3	SND
13796	409989.7	3696520	-1.1	SND
13797	409985.4	3696516.9	-1.1	SND
13798	409980.9	3696513.9	-1	SND
13799	409976.6	3696511.1	-1.1	SND
13800	409972	3696508.2	-1	SND
13801	409967.5	3696505.6	-1	SND
13802	409962.9	3696503.2	-1	SND
13803	409958.3	3696500.9	-1.1	SND
13804	409953.5	3696498.7	-1	SND
13805	409948.8	3696496.4	-1	SND
13806	409944.2	3696494.2	-0.9	SND
13807	409939.7	3696491.8	-1	SND
13808	409935.4	3696489.2	-0.9	SND
13809	409931.2	3696486.4	-1	SND
13810	409927.1	3696483.4	-0.9	SND
13811	409923.2	3696480	-0.9	SND
13812	409919.4	3696476.3	-1	SND
13813	409915.8	3696472.5	-0.9	SND
13814	409912	3696468.1	-0.8	SND
13815	409908.7	3696464	-0.9	SND
13816	409905.4	3696459.9	-0.8	SND
13817	409902.2	3696455.9	-0.9	SND
13818	409899	3696451.8	-0.9	SND
13819	409896	3696447.8	-0.9	SND
13820	409892.8	3696443.7	-1	SND
13821	409889.7	3696439.8	-0.9	SND
13822	409886.6	3696435.9	-1.1	SND
13823	409883.2	3696431.8	-1.1	SND
13824	409879.9	3696427.9	-1.1	SND
13825	409876.7	3696423.8	-1	SND
13826	409873.4	3696419.9	-0.9	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-24.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13827	409870	3696415.8	-0.8	SND
13828	409866.3	3696411.9	-0.8	SND
13829	409862.7	3696408.4	-0.8	SND
13830	409858.7	3696404.9	-0.8	SND
13831	409854.8	3696401.7	-0.8	SND
13832	409850.8	3696398.6	-0.8	SND
13833	409846.8	3696395.5	-0.8	SND
13834	409842.8	3696392.5	-0.9	SND
13835	409838.8	3696389.5	-0.8	SND
13836	409834.5	3696386.4	-0.9	SND
13837	409830.3	3696383.6	-0.8	SND
13838	409826.1	3696380.8	-0.9	SND
13839	409821.7	3696378.2	-0.8	SND
13840	409817.1	3696375.9	-0.8	SND
13841	409812.5	3696373.7	-0.7	SND
13842	409807.9	3696371.6	-0.7	SND
13843	409803.3	3696369.6	-0.8	SND
13844	409798.7	3696367.5	-0.8	SND
13845	409793.8	3696365.4	-0.9	SND
13846	409789.3	3696363.3	-0.8	SND
13847	409784.3	3696360.9	-0.8	SND
13848	409779.8	3696358.8	-0.8	SND
13849	409775.3	3696356.7	-0.7	SND
13850	409770.4	3696354.5	-0.7	SND
13851	409765.8	3696352.5	-0.7	SND
13852	409761	3696350.3	-0.8	SND
13853	409756.6	3696348	-0.8	SND
13854	409752.2	3696345.6	-0.7	SND
13855	409747.7	3696342.9	-0.8	SND
13856	409743.4	3696340.3	-0.8	SND
13857	409738.9	3696337.7	-0.8	SND
13858	409734.4	3696335.3	-0.8	SND
13859	409729.8	3696332.9	-0.9	SND
13860	409725.3	3696330.4	-0.8	SND
13861	409721.1	3696327.6	-0.8	SND
13862	409717.2	3696324.3	-0.9	SND
13863	409713.8	3696320.5	-0.9	SND
13864	409710.8	3696316.5	-0.9	SND
13865	409708	3696312.4	-0.9	SND
13866	409705.1	3696308.2	-0.9	SND
13867	409702.2	3696304.1	-0.9	SND
13868	409699.2	3696300	-0.9	SND
13869	409696.2	3696296	-1	SND
13870	409693.1	3696292.1	-0.8	SND
13871	409689.8	3696288.3	-0.9	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-25.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4194	407753.6197	3695360.534	-1.626	SND
4195	407765.1737	3695368.669	-1.661	SND
4196	407775.987	3695381.161	-1.687	SND
4197	407784.079	3695389.926	-1.639	SND
4198	407793.19	3695399.885	-1.614	SND
4199	407804.89	3695412.786	-1.622	SND
4200	407817.773	3695423.791	-1.63	SND
4201	407828.825	3695432.495	-1.743	SND
4202	407838.855	3695439.261	-1.674	SND
4203	407849.171	3695445.728	-1.662	SND
4204	407859.955	3695452.442	-1.743	SND
4205	407870.708	3695459.729	-1.827	SND
4206	407882.335	3695467.082	-1.83	SND
4207	407892.255	3695473.421	-1.85	SND
4208	407902.794	3695479.746	-1.822	SND
4209	407912.886	3695485.715	-1.921	SND
4210	407923.053	3695491.955	-1.953	SND
4211	407932.774	3695497.725	-1.887	SND
4212	407942.385	3695503.997	-1.967	SND
4213	407952.055	3695510.809	-1.948	SND
4214	407961.315	3695517.958	-1.947	SND
4215	407972.156	3695526.485	-2.09	SND
4216	407983.561	3695534.858	-2.014	SND
4217	407993.876	3695543.261	-2.033	SND
4218	408003.301	3695551.489	-1.992	SND
4219	408013.242	3695560.717	-1.993	SND
4220	408023.276	3695568.874	-1.981	SND
4221	408034.146	3695576.92	-1.913	SND
4222	408047.545	3695584.463	-1.916	SND
4223	408060.011	3695591.242	-1.887	SND
4224	408072.387	3695597.806	-1.799	SND
4225	408082.52	3695603.529	-1.811	SND
4226	408092.444	3695609.509	-1.828	SND
4227	408104.676	3695616.139	-1.785	SND
4228	408115.938	3695622.269	-1.716	SND
4229	408127.837	3695630.868	-1.738	SND
4230	408137.991	3695640.625	-1.721	SND
4231	408149.667	3695653.525	-1.651	SND
4232	408159.394	3695666.313	-1.498	SND
4233	408168.881	3695677.984	-1.526	SND
4234	408179.856	3695690.497	-1.505	SND
4235	408190.003	3695700.449	-1.502	SND
4236	408200.463	3695710.405	-1.527	SND
4237	408211.414	3695719.52	-1.567	SND
4238	408223.084	3695728.115	-1.59	SND
4239	408235.757	3695736.264	-1.512	SND
4240	408246.396	3695743.453	-1.648	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-25.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4245	408258.277	3695744.846	-1.651	SND
4246	408271.405	3695759.026	-1.771	SND
4247	408282.927	3695770.582	-1.806	SND
4248	408296.015	3695781.673	-1.738	SND
4249	408306.642	3695790.297	-1.779	SND
4250	408319.1	3695799.642	-1.706	SND
4251	408331.185	3695808.375	-1.634	SND
4252	408345.605	3695816.655	-1.606	SND
4253	408359.566	3695823.957	-1.512	SND
4254	408371.784	3695830.484	-1.635	SND
4255	408385.384	3695837.973	-1.614	SND
4256	408397.371	3695844.749	-1.587	SND
4257	408412.025	3695853.634	-1.616	SND
4258	408424.702	3695861.954	-1.595	SND
4259	408437.833	3695870.316	-1.627	SND
4260	408450.193	3695878.209	-1.641	SND
4261	408463.742	3695886.554	-1.669	SND
4262	408477.01	3695894.857	-1.665	SND
4263	408491.894	3695904.373	-1.646	SND
4264	408504.301	3695913.68	-1.649	SND
4265	408515.018	3695923.778	-1.632	SND
4266	408524.119	3695933.399	-1.675	SND
4267	408534.637	3695944.672	-1.703	SND
4268	408544.849	3695955.359	-1.74	SND
4269	408558.006	3695966.993	-1.728	SND
4270	408546.92	3695956.849	-1.726	SND
4271	408555.377	3695957.917	-1.626	SND
4272	408567.07	3695966.042	-1.532	SND
4273	408578.707	3695975.897	-1.567	SND
4274	408594.174	3695988.021	-1.436	SND
4275	408608.452	3695997.818	-1.542	SND
4276	408624.353	3696008.451	-1.51	SND
4277	408636.487	3696016.902	-1.472	SND
4278	408650.061	3696026.65	-1.523	SND
4279	408661.416	3696035.333	-1.333	SND
4280	408673.909	3696044.884	-1.281	SND
4281	408686.167	3696053.944	-1.312	SND
4282	408697.489	3696062.902	-1.217	SND
4283	408718.165	3696082.127	-0.35	SND
4284	408720.064	3696082.928	1.43	MR
4285	408732.149	3696091.642	1.613	MR
4286	408751.48	3696101.594	1.484	MR
4287	408770.392	3696110.321	1.371	MR
4288	408771.464	3696110.831	0.275	SND
4289	408777.707	3696116.076	0.107	SND
4290	408789.614	3696124.733	-0.087	SND
4291	408800.171	3696133.145	-0.231	SND

TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-25.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4292	408812.592	3696143.726	-0.382	SND
4293	408823.196	3696153.201	-0.597	SND
4294	408834.098	3696162.815	-0.603	SND
4295	408847.009	3696173.839	-0.604	SND
4296	408860.742	3696185.422	-0.468	SND
4297	408875.287	3696197	-0.51	SND
4298	408888.79	3696207.147	-0.566	SND
4299	408901.825	3696216.187	-0.609	SND
4300	408915.209	3696224.448	-0.629	SND
4301	408927.474	3696231.801	-0.394	SND
4302	408942.525	3696239.988	-0.264	SND
4303	408958.545	3696251.317	0.316	SND
4304	408960.748	3696252.168	1.299	MR
4305	408977.229	3696263.405	1.538	MR
4306	408989.852	3696271.961	1.578	MR
4307	409005.724	3696285.736	1.617	MR
4308	409008.904	3696286.991	1.495	SND
4309	409019.192	3696298.734	0.831	SND
4310	409032.508	3696314.159	0.578	SND
4311	409033.282	3696315.529	1.453	MR
4312	409044.37	3696326.044	1.471	MR
4313	409057.974	3696338.124	1.067	MR
4314	409059.747	3696339.563	0.343	SND
4315	409067.817	3696343.238	0.353	SND
4316	409081.04	3696353.402	0.418	SND
4317	409097.701	3696363.199	0.256	SND
4318	409110.334	3696370.851	0.202	SND
4319	409121.731	3696378.183	0.147	SND
4320	409134.883	3696386.366	-0.071	SND
4321	409146.471	3696394.445	0.2	SND
4322	409159.149	3696402.433	0.354	SND
4323	409175.26	3696414.811	0.49	SND
4324	409177.195	3696415.31	1.24	MR
4325	409185.833	3696421.321	0.983	MR
4326	409187.363	3696421.92	0.681	SND
4327	409196.593	3696426.953	0.384	SND
4328	409213.03	3696441.439	0.274	SND
4329	409225.374	3696453.46	0.267	SND
4330	409232.547	3696462.369	0.373	SND
4331	409240.634	3696474.224	0.384	SND
4332	409258.566	3696481.735	0.047	SND
4333	409275.355	3696489.015	0.115	SND
4334	409289.813	3696497.883	0.143	SND
4335	409303.74	3696509.655	0.001	SND
4336	409317.264	3696519.882	-0.045	SND
4337	409331.008	3696529.708	-0.109	SND
4338	409345.473	3696540.876	-0.216	SND

TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-25.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4339	409359.096	3696551.924	-0.148	SND
4340	409372.053	3696564.95	-0.168	SND
4341	409385.074	3696578.074	-0.243	SND
4342	409400.086	3696586.791	-0.16	SND
4343	409414.042	3696595.255	-0.173	SND
4344	409430.206	3696605.037	-0.204	SND
4345	409446.605	3696614.21	-0.106	SND
4346	409461.239	3696622.215	-0.111	SND
4347	409476.1	3696631.397	0.046	SND
4348	409489.178	3696640.612	-0.019	SND
4349	409499.948	3696650.3	0.04	SND
4350	409512.846	3696661.848	0.053	SND
4351	409524.429	3696670.986	0.091	SND
4352	409536.28	3696679.862	0.128	SND
4353	409547.029	3696688.799	0.154	SND
4354	409557.525	3696698.366	0.068	SND
4355	409569.963	3696708.104	0.239	SND
4356	409582.888	3696718.254	0.209	SND
4357	409595.695	3696725.967	0.246	SND
4358	409609.506	3696732.208	0.402	SND
4359	409620.372	3696736.763	0.339	SND
4360	409630.907	3696741.073	0.338	SND
4361	409642.679	3696749.434	0.305	SND
4362	409653.153	3696757.892	0.332	SND
4363	409663.894	3696774.163	0.241	SND
4364	409680.154	3696792.83	0.529	SND
4365	409682.147	3696793.564	1.1	MR
4366	409698.821	3696798.224	1.505	MR
4367	409718.065	3696806.027	1.559	GRND
4368	409732.982	3696815.488	1.65	GRND
4369	409741.698	3696822.109	1.996	GRND
4370	409754.56	3696828.161	2.311	GRND
4371	409756.485	3696835.35	2.193	GRND
4372	409761.759	3696842.627	2.246	GRND
4373	409768.751	3696850.651	2.355	GRND
4374	409763.796	3696853.068	2.393	GRND
4378	409785.051	3696867.327	0.16	SND
4379	409800.488	3696887.235	-1.197	SND
4380	409804.763	3696881.793	-1.103	SND
4381	409812.083	3696877.92	-1.223	SND
4385	410145.709	3697124.563	0.577	SND
4386	410154.613	3697136.392	1.496	GRND
4387	410163.049	3697149.768	1.823	GRND
4388	410175.136	3697161.486	1.98	GRND
4389	410183.416	3697170.679	1.391	TBK
4390	410183.809	3697171.889	0.711	SND
4391	410198.363	3697188.465	0.093	SND

# TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-25.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4392	410208.5617	3697193.732	-0.272	SND
13596	410128.5	3697112.9	-0.8	SND
13598	410122.9	3697111.7	-1	SND
13599	410118.2	3697110.5	-1.2	SND
13600	410113.6	3697109	-1	SND
13601	410109	3697107.3	-1.1	SND
13602	410104.3	3697105.3	-1.2	SND
13603	410100.1	3697102.6	-1.2	SND
13604	410096.7	3697099	-1.3	SND
13605	410093.9	3697095	-1.4	SND
13606	410091.3	3697090.8	-1.4	SND
13607	410089.2	3697086.4	-1.4	SND
13608	410087.8	3697081.6	-1.7	SND
13609	410086.7	3697076.8	-1.7	SND
13610	410085.8	3697071.9	-1.8	SND
13611	410084.9	3697067	-1.9	SND
13612	410083.4	3697062.1	-1.8	SND
13613	410081.3	3697057.4	-1.8	SND
13614	410078.5	3697052.8	-1.8	SND
13615	410073.6	3697047.7	-1.8	SND
13616	410069.5	3697044.6	-1.9	SND
13617	410065.2	3697042.2	-2.1	SND
13618	410060.5	3697040.3	-2.8	SND
13619	410055.5	3697039.2	-2.9	SND
13620	410050.4	3697039	-2.9	SND
13621	410045.3	3697039.5	-3.2	SND
13622	410040.2	3697040.4	-3.3	SND
13623	410035.3	3697041.5	-3.4	SND
13624	410030.4	3697042.8	-3.5	SND
13625	410025.6	3697044.4	-3.7	SND
13626	410021	3697046.4	-4	SND
13627	410016.4	3697048.7	-4.2	SND
13628	410011.6	3697050.8	-4.5	SND
13629	410006.4	3697052.2	-4.6	SND
13630	410001.2	3697052.4	-5	SND
13631	409996.3	3697051.6	-5.2	SND
13632	409991.6	3697049.5	-5.4	SND
13633	409987.6	3697046.6	-5.6	SND
13634	409983.8	3697043.2	-5.7	SND
13635	409980.3	3697039.4	-5.6	SND
13636	409977.1	3697035.5	-5.8	SND
13637	409974.3	3697031.2	-5.4	SND
13638	409971.9	3697026.8	-5.7	SND
13639	409969.8	3697022.1	-5.8	SND
13640	409968.1	3697017.3	-6	SND
13641	409966.6	3697012.5	-5.9	SND
13642	409965.3	3697007.7	-5.8	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-25.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13643	409964	3697002.7	-5.6	SND
13644	409962.9	3696997.6	-5.7	SND
13645	409961.8	3696992.5	-5.6	SND
13646	409960.7	3696987.4	-5.4	SND
13647	409959.3	3696982.5	-5.3	SND
13648	409957.4	3696977.7	-5.2	SND
13649	409955	3696973.3	-5.2	SND
13650	409952	3696969.3	-5	SND
13651	409948.5	3696965.7	-5	SND
13652	409943.1	3696961.2	-5	SND
13653	409939	3696958.2	-4.6	SND
13654	409934.7	3696955.3	-4.6	SND
13655	409930.4	3696952.5	-4.4	SND
13656	409926.1	3696949.8	-4.4	SND
13657	409921.5	3696947.1	-4.4	SND
13658	409917.1	3696944.8	-4.7	SND
13659	409912.5	3696942.8	-4.7	SND
13660	409907.6	3696941.2	-4.7	SND
13661	409902.5	3696939.8	-4.8	SND
13662	409897.6	3696938.4	-4.5	SND
13663	409892.6	3696936.8	-4.2	SND
13664	409887.8	3696935	-4.3	SND
13665	409883.2	3696933	-4.2	SND
13666	409878.7	3696930.7	-4	SND
13667	409874.3	3696928.2	-4.2	SND
13668	409869.8	3696925.5	-4.2	SND
13669	409865.4	3696922.7	-4	SND
13670	409861.2	3696919.6	-4	SND
13671	409857.2	3696916.4	-3.8	SND
13672	409853.3	3696912.8	-3.9	SND
13673	409849.7	3696909.2	-3.7	SND
13674	409846.2	3696905.3	-3.4	SND
13675	409842.8	3696901.4	-2.9	SND
13676	409839.5	3696897.5	-2.3	SND
13677	409836.2	3696893.4	-2.1	SND
13678	409833	3696889.4	-2.1	SND
13679	409829.8	3696885.4	-1.9	SND
13680	409826.6	3696881.6	-1.6	SND
13681	409823.1	3696877.9	-1.5	SND
13682	409819.4	3696874.5	-1.3	SND
13683	409815.5	3696871.2	-1.3	SND

TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-26.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4396	409603.649	3697220.965	-0.761	SND
4397	409584.255	3697204.395	0.874	SND
4398	409582.773	3697205.25	1.183	MR
4399	409575.139	3697200.821	1.466	MR
4400	409566.933	3697196.194	1.53	GRND
4401	409549.509	3697184.252	1.6	GRND
4402	409534.573	3697172.864	1.593	GRND
4403	409518.495	3697160.404	1.663	GRND
4404	409501.585	3697150.907	1.693	GRND
4405	409483.889	3697141.876	1.579	GRND
4406	409468.316	3697134.086	1.635	GRND
4407	409460.054	3697118.706	1.721	GRND
4408	409445.82	3697111.899	1.673	GRND
4409	409431.553	3697105.598	1.462	GRND
4410	409412.313	3697097.273	1.73	GRND
4411	409406.775	3697081.209	1.953	GRND
4412	409392.065	3697063.654	1.533	TBK
4413	409383.448	3697060.941	0.547	SND
4414	409377.92	3697051.878	0.141	SND
4415	409363.27	3697050.158	0.253	SND
4416	409337.238	3697034.996	0.403	SND
4417	409319.938	3697026.23	0.165	SND
4418	409298.922	3697010.438	0.344	SND
4419	409286.729	3696997.927	0.014	SND
4420	409272.922	3696984.164	-0.11	SND
4421	409253.739	3696970.049	-0.117	SND
4422	409235.2	3696956.144	-0.133	SND
4423	409217.516	3696944.205	-0.152	SND
4424	409199.271	3696934.449	-0.017	SND
4425	409184.167	3696922.047	-0.037	SND
4426	409169.663	3696908.076	0.351	SND
4427	409158.827	3696897.054	0.616	SND
4428	409156.225	3696896.002	1.202	TBK
4429	409142.645	3696880.702	1.997	GRND
4430	409136.827	3696872.628	2.091	GRND
4431	409123.36	3696864.786	2.267	GRND
4432	409112.845	3696861.36	2.021	GRND
4433	409096.896	3696845.996	2.011	GRND
4434	409086.157	3696837.924	2.096	GRND
4435	409078.738	3696835.477	2.169	GRND
4437	409047.292	3696815.457	2.412	GRND
4438	409027.387	3696807.948	2.489	GRND
4439	409004.137	3696798.64	1.963	GRND
4440	408993.274	3696790.324	2.025	GRND
4441	408988.755	3696779.258	1.927	GRND
4442	408979.164	3696765.411	2.067	GRND
4443	408968.77	3696756.383	2.156	GRND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-26.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4444	408954.549	3696747.768	1.848	GRND
4445	408939.112	3696735.788	1.66	TBK
4446	408937.503	3696734.8	0.655	SND
4447	408929.018	3696730.935	0.289	SND
4448	408914.464	3696721.121	-0.039	SND
4449	408900.005	3696711.007	-0.476	SND
4450	408883.892	3696698.502	-0.004	SND
4451	408869.582	3696684.616	-0.213	SND
4452	408857.423	3696671.695	-0.114	SND
4453	408843.005	3696661.472	0.21	SND
4454	408829.724	3696652.916	0.029	SND
4455	408810.563	3696645.918	0.238	SND
4456	408789.067	3696634.79	0.716	SND
4457	408787.698	3696634.396	1.459	TBK
4458	408780.872	3696636.132	1.662	GRND
4459	408770.216	3696624.91	1.927	GRND
4460	408763.94	3696611.421	1.815	GRND
4461	408755.329	3696596.852	1.697	GRND
4462	408748.003	3696589.07	1.622	MR
4463	408740.242	3696575.349	1.643	MR
4464	408728.679	3696561.234	1.598	MR
4465	408709.492	3696553.065	1.575	MR
4466	408696.161	3696551.112	1.451	MR
4467	408691.684	3696550.59	0.668	SND
4468	408678.772	3696545.921	0.645	SND
4469	408659.374	3696535.409	0.31	SND
4470	408646.848	3696522.331	-0.136	SND
4471	408628.849	3696505.144	-0.661	SND
4472	408609.881	3696487.147	-0.69	SND
4473	408590.024	3696473.097	-0.779	SND
4474	408570.06	3696457.826	-0.601	SND
4475	408549.285	3696441.951	-0.729	SND
4476	408527.188	3696425.992	-0.603	SND
4477	408501.292	3696409.111	-0.718	SND
4478	408473.191	3696392.138	-0.804	SND
4479	408450.478	3696376.918	-0.873	SND
4480	408427.079	3696355.979	-0.903	SND
4481	408409.275	3696342.566	-0.628	SND
4482	408385.31	3696323.45	-0.863	SND
4483	408366.141	3696304.865	-0.868	SND
4484	408348.426	3696287.635	-0.908	SND
4485	408328.652	3696271.081	-0.999	SND
4486	408309.886	3696253.777	-1.015	SND
4487	408287.505	3696236.351	-0.979	SND
4488	408265.824	3696224.327	-0.955	SND
4489	408244.023	3696214.67	-1.037	SND
4490	408220.148	3696202.947	-1.221	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-26.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4491	408196.811	3696189.255	-1.15	SND
4492	408175.187	3696176.969	-1.142	SND
4493	408158.605	3696165.056	-1.117	SND
4494	408144.1	3696149.413	-1.247	SND
4495	408131.694	3696133.194	-1.186	SND
4496	408117.469	3696115.929	-1.127	SND
4497	408099.18	3696098.026	-1.163	SND
4498	408081.191	3696082.293	-1.135	SND
4499	408062.885	3696066.074	-1.08	SND
4500	408045.436	3696051.962	-1.076	SND
4501	408022.905	3696037.974	-1.106	SND
4502	408001.441	3696027.199	-1.113	SND
4503	407978.458	3696015.772	-1.066	SND
4504	407955.291	3696002.871	-0.981	SND
4505	407931.975	3695988.926	-0.656	SND
4506	407911.681	3695976.716	-0.889	SND
4507	407889.654	3695963.771	-0.976	SND
4508	407870.606	3695951.197	-0.909	SND
4509	407850.563	3695935.306	-0.862	SND
4510	407831.769	3695918.352	-0.811	SND
4511	407814.852	3695903.174	-0.763	SND
4512	407797.659	3695888.648	-0.835	SND
4513	407778.654	3695876.045	-0.853	SND
4514	407758.426	3695864.976	-0.865	SND
4519	407746.186	3695847.609	-1.069	SND
4520	407734.661	3695830.419	-1.288	SND
4521	407723.735	3695814.02	-1.158	SND
4522	407709.519	3695794.904	-1.176	SND
4523	407692.364	3695776.261	-1.093	SND
4524	407672.23	3695765.984	-1.22	SND
4525	407652.828	3695759.052	-1.22	SND
4526	407633.372	3695753.324	-1.303	SND
4527	407610.661	3695746.095	-1.241	SND
4528	407586.107	3695734.258	-1.286	SND
4529	407565.386	3695720.038	-1.368	SND
4530	407549.805	3695707.429	-1.411	SND
4531	407531.863	3695689.836	-1.68	SND
4532	407514.4688	3695676.44	-1.471	SND
13509	409923.7986	3697485.799	-2.8	SND
13510	409920.3	3697482.2	-2.4	SND
13511	409917.1	3697478.4	-2.6	SND
13512	409914.4	3697474.2	-2.7	SND
13513	409912.1	3697469.5	-2.8	SND
13514	409910.3	3697464.6	-3	SND
13515	409908.9	3697459.7	-2.9	SND
13516	409908	3697454.6	-2.8	SND
13517	409907.3	3697449.7	-2.9	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-26.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13518	409906.6	3697444.4	-3.1	SND
13519	409906	3697439.4	-3.2	SND
13520	409905.2	3697434.3	-3.4	SND
13521	409904.2	3697429.4	-3.3	SND
13522	409902.6	3697424.6	-3.4	SND
13523	409900.4	3697420	-3.4	SND
13524	409897.8	3697415.6	-3.3	SND
13525	409894.7	3697411.4	-3.4	SND
13526	409891.1	3697407.4	-3.6	SND
13527	409886.9	3697403.9	-3.7	SND
13528	409883	3697400.8	-3.9	SND
13529	409878.9	3697397.7	-4.1	SND
13530	409874.4	3697394.6	-4.5	SND
13531	409870.2	3697391.8	-4.7	SND
13532	409866	3697389.1	-4.5	SND
13533	409861.7	3697386.4	-4.4	SND
13534	409856.9	3697383.6	-4.4	SND
13535	409852.5	3697381.2	-4.5	SND
13536	409847.7	3697378.7	-4.5	SND
13537	409843.1	3697376.5	-4.4	SND
13538	409838.5	3697374.5	-4.3	SND
13539	409833	3697372.1	-3.9	SND
13540	409828.3	3697370.3	-4.2	SND
13541	409823.5	3697368.7	-4.1	SND
13542	409818.3	3697367.2	-4	SND
13543	409813	3697365.9	-4	SND
13544	409807.6	3697364.9	-4	SND
13545	409802.2	3697364	-4	SND
13546	409797	3697363.2	-3.9	SND
13547	409792.1	3697362.3	-3.8	SND
13548	409787.1	3697361.3	-3.8	SND
13549	409782.3	3697359.9	-3.8	SND
13550	409777.3	3697358.2	-4	SND
13551	409772.6	3697356.1	-3.7	SND
13552	409768.2	3697353.6	-3	SND
13553	409764	3697350.4	-2.8	SND
13554	409760.1	3697346.9	-2.7	SND
13555	409756.5	3697343.1	-2.9	SND
13556	409753.1	3697339.1	-2.6	SND
13557	409750.1	3697334.9	-2.7	SND
13558	409747.3	3697330.6	-3.1	SND
13559	409744.6	3697326.3	-3.3	SND
13560	409741.9	3697321.8	-3.2	SND
13561	409739.2	3697317.2	-3.2	SND
13562	409736.7	3697312.8	-3.1	SND
13563	409734.2	3697308.1	-2.9	SND
13564	409732	3697303.3	-2.8	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-26.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13565	409729.9	3697298.4	-2.3	SND
13566	409727.7	3697293.6	-2	SND
13567	409725.2	3697288.9	-2.1	SND
13568	409722.4	3697284.6	-2	SND
13569	409718.9	3697280.9	-1.8	SND
13570	409715.1	3697277.7	-1.9	SND
13571	409710.6	3697274.9	-2.1	SND
13572	409706.1	3697272.7	-2	SND
13573	409701.2	3697270.7	-1.8	SND
13574	409696.4	3697269	-1.7	SND
13575	409691.5	3697267.5	-1.8	SND
13576	409686.5	3697266.1	-1.8	SND
13577	409681.6	3697264.7	-1.7	SND
13578	409676.6	3697263.2	-1.8	SND
13579	409671.7	3697261.7	-1.5	SND
13580	409666.8	3697260.3	-1.5	SND
13581	409661.8	3697258.8	-1.5	SND
13582	409657	3697257.3	-1.3	SND
13583	409652.1	3697255.9	-1.3	SND
13584	409647.1	3697254.3	-1.3	SND
13585	409642.3	3697252.6	-1.3	SND
13586	409637.6	3697250.8	-1.2	SND
13587	409632.9	3697249	-1.1	SND
13588	409628.2	3697246.9	-0.8	SND
13589	409623.7	3697244.6	-0.9	SND
13590	409619.2	3697242.1	-0.9	SND
13591	409615.1	3697239.4	-0.6	SND
13592	409610.8	3697236.7	-0.8	SND
13593	409607	3697233.7	-0.9	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-27.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4534	407269.4696	3696000.271	-0.998	SND
4535	407278.007	3696008.667	-0.867	SND
4536	407296.736	3696029.893	0.577	SND
4537	407298.053	3696032.075	1.222	MR
4538	407307.24	3696040.955	1.584	MR
4539	407313.081	3696046.918	1.462	MR
4540	407314.03	3696047.967	0.264	SND
4541	407321.984	3696050.365	0.177	SND
4542	407351.546	3696064.547	0.039	SND
4543	407353.213	3696065.309	1.286	MR
4544	407361.086	3696069.579	1.236	MR
4545	407362.987	3696071.242	0.037	SND
4546	407376.17	3696081.088	-0.068	SND
4547	407377.305	3696082.142	1.133	MR
4548	407385.774	3696089.676	1.685	MR
4549	407402.878	3696109.867	1.341	MR
4550	407408.804	3696121.63	1.459	MR
4551	407411.632	3696125.102	-0.451	SND
4552	407430.422	3696141.359	-0.562	SND
4553	407426.459	3696130.393	-0.591	SND
4554	407437.845	3696133.931	-0.604	SND
4555	407447.778	3696140.429	-0.621	SND
4556	407459.012	3696150.852	-0.569	SND
4557	407470.206	3696162.714	-0.661	SND
4558	407481.696	3696173.851	-0.783	SND
4559	407492.68	3696184.085	-0.709	SND
4560	407504.853	3696193.314	-0.828	SND
4561	407518.107	3696200.968	-0.691	SND
4562	407532.631	3696207.318	-0.619	SND
4563	407545.968	3696212.942	-0.639	SND
4564	407559.441	3696219.037	-0.602	SND
4565	407572.989	3696227.37	-0.455	SND
4566	407586.582	3696236.231	-0.466	SND
4567	407598.257	3696246.031	-0.414	SND
4568	407609.872	3696258.454	-0.202	SND
4569	407611.33	3696259.911	1.326	MR
4570	407622.471	3696270.673	1.661	MR
4571	407637.458	3696283.279	1.668	MR
4572	407653.281	3696294.376	1.705	MR
4573	407665.419	3696302.239	1.679	MR
4574	407667.111	3696303.952	0.305	SND
4575	407671.985	3696305.578	0.568	SND
4576	407688.668	3696321.263	-0.185	SND
4577	407701.732	3696331.925	-0.218	SND
4578	407714.178	3696343.973	-0.594	SND
4579	407729.799	3696355.772	-0.869	SND
4580	407743.402	3696366.386	-0.734	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-27.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4581	407756.815	3696376.177	-0.738	SND
4582	407769.538	3696384.792	-0.811	SND
4583	407782.383	3696393.471	-0.84	SND
4584	407796.786	3696399.631	-0.737	SND
4585	407810.968	3696403.765	-0.827	SND
4586	407824.348	3696409.392	-0.839	SND
4587	407838.954	3696417.341	-0.901	SND
4588	407851.03	3696426.415	-0.861	SND
4589	407863.618	3696436.769	-0.862	SND
4590	407874.537	3696447.947	-0.949	SND
4591	407885.582	3696461.788	-0.881	SND
4592	407896.687	3696476.196	-0.906	SND
4593	407909.514	3696490.772	-0.995	SND
4594	407921.098	3696503.083	-1.018	SND
4595	407933.254	3696516.403	-1.011	SND
4596	407945.754	3696528.015	-1.113	SND
4597	407961.767	3696536.945	-1.427	SND
4598	407979.613	3696545.981	-1.123	SND
4599	407994.6	3696556.372	-1.013	SND
4600	408006.551	3696566.153	-0.994	SND
4601	408020.075	3696577.658	-1.043	SND
4602	408033.868	3696589.31	-0.966	SND
4603	408047.897	3696600.757	-0.992	SND
4604	408062.494	3696613.149	-0.951	SND
4605	408078.026	3696626.703	-1.067	SND
4606	408092.86	3696640.164	-1.413	SND
4607	408108.115	3696650.618	-1.136	SND
4608	408128.692	3696661.389	-1.315	SND
4609	408148.216	3696669.457	-1.17	SND
4610	408167.855	3696678.863	-0.953	SND
4611	408189.241	3696690.652	-1.066	SND
4612	408205.806	3696702.804	-1.158	SND
4613	408219.818	3696713.581	-1.136	SND
4614	408233.461	3696724.092	-1.028	SND
4615	408263.352	3696737.453	-0.326	SND
4616	408265.971	3696738.729	1.567	MR
4617	408274.961	3696745.775	1.561	MR
4618	408283.474	3696754.764	1.506	MR
4619	408295.312	3696763.828	1.644	MR
4620	408307.588	3696773.997	1.662	MR
4621	408320.31	3696781.642	1.918	MR
4622	408332.954	3696791.012	1.547	MR
4623	408347.898	3696804.772	1.532	MR
4624	408353.471	3696810.644	1.449	MR
4625	408354.458	3696812.851	-0.025	SND
4626	408364.753	3696821.204	-0.511	SND
4627	408379.282	3696833.38	-0.721	SND



TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-27.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4628	408394.696	3696846.057	-0.955	SND
4629	408410.106	3696857.409	-1.091	SND
4630	408426.734	3696868.618	-1.023	SND
4631	408443.586	3696879.157	-0.855	SND
4632	408464.062	3696891.413	-0.703	SND
4633	408481.028	3696900.457	-0.661	SND
4634	408499.321	3696911.5	-0.581	SND
4635	408516.228	3696921.078	-0.591	SND
4636	408531.912	3696931.64	-0.59	SND
4637	408545.172	3696942.166	-0.57	SND
4638	408557.883	3696954.429	-0.427	SND
4639	408570.485	3696966.962	-0.473	SND
4640	408585.022	3696981.338	-0.32	SND
4641	408602.134	3696995.652	-0.067	SND
4642	408617.436	3697005.421	0.002	SND
4643	408638.003	3697019.411	0.398	SND
4644	408639.463	3697021.02	1.229	TBK
4645	408650.353	3697028.859	1.577	GRND
4646	408660.491	3697036.55	1.587	GRND
4647	408672.358	3697044.161	1.539	GRND
4648	408687.766	3697052.088	1.387	GRND
4649	408704.839	3697058.577	1.547	MR
4650	408715.416	3697069.695	1.532	MR
4651	408728.142	3697078.905	1.528	MR
4652	408739.862	3697087.318	1.6	MR
4653	408752.123	3697099.557	1.587	MR
4654	408753.747	3697100.518	0.935	SND
4655	408762.887	3697108.669	0.206	SND
4656	408775.205	3697119.367	-0.031	SND
4657	408784.807	3697125.683	0.03	SND
4658	408794.929	3697131.723	0.052	SND
4659	408808.58	3697137.902	0.003	SND
4660	408822.0274	3697145.881	0.035	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-28.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4661	408129.059	3697150.065	-1.663	SND
4662	408115.035	3697135.18	-1.613	SND
4663	408105.364	3697120.437	-1.445	SND
4664	408098.528	3697102.82	-1.201	SND
4665	408062.952	3697082.054	1.344	MR
4666	408053.482	3697072.941	1.334	MR
4667	408044.967	3697065.045	1.392	MR
4668	408032.771	3697057.64	1.314	MR
4669	408014.003	3697051.505	1.167	MR
4670	408003.097	3697043.349	1.618	MR
4671	407989.677	3697026.49	1.604	MR
4672	407974.002	3697015.252	1.712	MR
4673	407959.279	3697007.246	1.831	MR
4674	407944.075	3696998.375	1.803	MR
4675	407929.395	3696989.751	1.703	MR
4676	407919.775	3696974.782	1.544	MR
4677	407918	3696972.645	0.315	SND
4678	407911.195	3696964.385	0.067	SND
4679	407899.459	3696950.299	0.049	SND
4680	407884.175	3696935.186	-0.096	SND
4681	407862.021	3696926.257	-0.22	SND
4682	407840.244	3696919.676	-0.207	SND
4683	407822.085	3696914.215	-0.325	SND
4684	407803.645	3696904.71	-0.187	SND
4685	407784.805	3696891.809	0.04	SND
4686	407765.655	3696878.45	-0.297	SND
4687	407748.955	3696864.317	-0.329	SND
4688	407733.707	3696849.066	-0.112	SND
4689	407719.585	3696833.575	-0.366	SND
4690	407705.678	3696818.279	-0.193	SND
4691	407692.891	3696803.336	-0.392	SND
4692	407677.966	3696785.449	-0.528	SND
4693	407660.951	3696772.506	-0.543	SND
4694	407642.028	3696763.109	-0.34	SND
4695	407620.67	3696754.614	-0.371	SND
4696	407609.574	3696746.746	0.292	SND
4697	407610.249	3696744.73	1.302	MR
4698	407596.607	3696732.261	1.626	MR
4699	407575.458	3696723.232	1.474	MR
4700	407559.478	3696714.643	1.537	MR
4701	407544.461	3696700.734	1.38	MR
4702	407528.675	3696689.085	1.656	MR
4703	407512.117	3696675.784	1.508	MR
4704	407500.482	3696666.682	1.655	MR
4705	407488.248	3696658.682	1.602	MR
4706	407477.871	3696647.7	1.675	MR
4707	407465.39	3696636.154	1.459	MR

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-28.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4708	407453.688	3696620.809	1.489	MR
4709	407452.835	3696619.436	-0.098	SND
4710	407444.662	3696614.112	0.049	SND
4711	407429.337	3696602.202	-0.213	SND
4712	407414.772	3696596.273	-0.244	SND
4713	407399.675	3696586.557	-0.635	SND
4714	407385.414	3696574.192	-0.576	SND
4715	407368.477	3696557.821	-0.454	SND
4716	407351.909	3696544.612	-0.235	SND
4717	407335.345	3696532.255	-0.168	SND
4718	407316.596	3696523.552	0.116	SND
4719	407301.444	3696519.386	0.401	SND
4720	407299.46	3696519.345	1.144	MR
4721	407286.004	3696511.816	1.64	MR
4722	407270.971	3696503.931	1.495	MR
4723	407261.791	3696494.469	1.419	MR
4724	407246.576	3696480.875	1.337	MR
4725	407244.73	3696479.098	0.485	SND
4726	407236.895	3696469.769	0.007	SND
4727	407224.725	3696454.039	-0.308	SND
4728	407210.215	3696441.971	-0.113	SND
4729	407192.664	3696435.043	-0.209	SND
4730	407171.118	3696427.165	-0.285	SND
4731	407151.395	3696415.022	-0.463	SND
4732	407131.374	3696404.636	-0.549	SND
4733	407112.395	3696393.763	-0.49	SND
4734	407093.442	3696379.739	-0.51	SND
4735	407074.293	3696364.438	-0.51	SND
4736	407057.638	3696350.136	-0.713	SND
4737	407042.814	3696335.681	-0.923	SND
4738	407028.0821	3696319.207	-1.173	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-29.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5917	413477.61	3687890.05	0.34	SND
5918	413487.03	3687873.37	0.53	SND
5919	413487.74	3687872.94	1.51	MR
5920	413499.39	3687862.45	2.03	MR
5921	413515.12	3687853.55	2.12	MR
5922	413510.75	3687846.36	1.86	MR
5923	413520.79	3687840.09	2.12	MR
5924	413531.97	3687832.17	1.47	MR
5926	413523.88	3687819.82	-0.45	SND
5927	413529.03	3687812.3	-0.97	SND
5928	413533.1	3687799.75	-2.4	SND
5929	413535.92	3687786.89	-2.98	SND
5935	413542.78	3687777.74	-4.04	SND
5936	413547.66	3687776.22	-4.07	SND
5937	413549.35	3687772	-3.36	SND
5938	413550.46	3687765.79	-2.33	SND
5941	413901.41	3687322.1	-0.43	SND
5942	413920.15	3687303.37	0.53	SND
5943	413920.33	3687303.35	1.57	MR
5944	413933.88	3687285.3	1.71	MR
5945	413940.16	3687271.49	1.53	MR
5946	413947.97	3687254.98	1.81	MR
5947	413952.04	3687248.33	1.31	MR
5948	413953.25	3687246.81	0.76	SND
5949	413956.16	3687239.42	0.37	SND
5950	413959.16	3687234.71	0.98	MR
5951	413968.72	3687220.83	1.54	MR
5952	413978.2512	3687206.751	1.59	MR
17851	413567.5	3687748.2	-1	SND
17853	413569.1	3687740.6	-0.7	SND
17854	413572.3	3687736.7	-0.7	SND
17855	413584.8	3687728.7	-0.8	SND
17856	413589.5	3687725.5	-0.7	SND
17857	413597	3687719.2	-0.7	SND
17858	413600.4	3687715.4	-0.7	SND
17859	413603.5	3687711.2	-0.7	SND
17860	413606.2	3687706.7	-0.7	SND
17861	413608.8	3687702	-0.6	SND
17862	413611.3	3687697.3	-0.6	SND
17863	413613.9	3687692.8	-0.7	SND
17864	413617.1	3687688.6	-0.5	SND
17865	413620.6	3687685	-0.6	SND
17866	413624.5	3687681.6	-0.4	SND
17867	413628.4	3687678.3	-0.5	SND
17868	413637.8	3687670.7	-0.6	SND
17869	413641.7	3687667.4	-0.9	SND
17870	413655.6	3687656.6	-1	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-29.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17871	413663.8	3687650.4	-1.2	SND
17872	413667.8	3687647.2	-1.5	SND
17873	413671.6	3687643.8	-1.6	SND
17874	413675.2	3687639.9	-2	SND
17875	413678.5	3687636.1	-2	SND
17876	413682.1	3687632.3	-2.2	SND
17877	413685.7	3687628.7	-2.6	SND
17878	413689.4	3687625.2	-3.6	SND
17879	413693	3687621.7	-4.7	SND
17880	413696.8	3687617.5	-5.7	SND
17881	413699.9	3687613.6	-6.6	SND
17882	413702.6	3687609.3	-7.4	SND
17883	413705	3687604.6	-8.1	SND
17884	413707.2	3687599.8	-8.8	SND
17885	413709.5	3687594.3	-9.5	SND
17886	413711.4	3687589.4	-10.3	SND
17887	413713.2	3687584.4	-10.5	SND
17888	413714.8	3687579.4	-10.9	SND
17889	413716.2	3687574.6	-11.2	SND
17890	413717.7	3687569.8	-11.3	SND
17891	413719.5	3687564.9	-11.6	SND
17892	413721.5	3687560	-11.7	SND
17893	413723.6	3687555.3	-11.8	SND
17894	413726.1	3687550.8	-11.9	SND
17895	413728.7	3687546.4	-11.8	SND
17896	413731.6	3687542.2	-11.7	SND
17897	413734.6	3687538.1	-11.3	SND
17898	413737.7	3687534.2	-11.2	SND
17899	413741	3687530.3	-11	SND
17900	413744.4	3687526.5	-10.8	SND
17901	413747.8	3687522.7	-10.6	SND
17902	413751.6	3687518.7	-10.6	SND
17903	413755.3	3687515	-10.2	SND
17904	413758.8	3687511.5	-10	SND
17905	413762.5	3687507.9	-9.3	SND
17906	413766.5	3687504.4	-9.3	SND
17907	413770.5	3687501.2	-8.3	SND
17908	413774.5	3687497.9	-7.9	SND
17909	413778.4	3687494.7	-7.8	SND
17910	413782.2	3687491.2	-7.8	SND
17911	413786	3687487.5	-6.9	SND
17912	413789.6	3687483.8	-6.6	SND
17913	413793.2	3687479.9	-6.6	SND
17914	413796.6	3687475.9	-6.3	SND
17915	413799.8	3687471.8	-5.5	SND
17916	413802.9	3687467.6	-5	SND
17917	413805.8	3687463.2	-4.4	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-29.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17918	413808.4	3687458.6	-3.6	SND
17919	413810.8	3687454	-3.2	SND
17920	413813.2	3687449.2	-2.4	SND
17921	413815.3	3687444.6	-2	SND
17922	413817.5	3687439.8	-1.7	SND
17923	413819.8	3687434.9	-1.7	SND
17924	413822	3687430.3	-1.5	SND
17925	413824.6	3687425.6	-1.5	SND
17926	413827.4	3687421.3	-1.4	SND
17927	413830.5	3687417.3	-1.2	SND
17928	413834	3687413.5	-1	SND
17929	413837.6	3687409.7	-0.7	SND
17930	413841.3	3687405.9	-0.8	SND
17931	413844.7	3687401.9	-0.9	SND
17932	413847.9	3687397.7	-0.8	SND
17933	413851.2	3687393.5	-0.8	SND
17934	413854.5	3687389.4	-0.8	SND
17935	413858	3687385.6	-0.7	SND
17936	413861.7	3687382	-0.7	SND
17937	413865.6	3687378.1	-0.6	SND
17938	413869	3687374.5	-0.6	SND
17939	413872.4	3687370.6	-0.5	SND
17940	413875.7	3687366.3	-0.3	SND
17941	413878.5	3687362	-0.5	SND
17942	413881.1	3687357.7	-0.6	SND
17943	413883.5	3687352.9	-0.6	SND
17944	413885.6	3687348.3	-0.5	SND
17945	413887.6	3687343.5	-0.3	SND
17946	413889.5	3687338.6	-0.4	SND
17947	413891.3	3687333.9	-0.4	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-30.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5954	414192.3412	3687571.371	1.24	MR
5955	414187.68	3687588.78	1.77	MR
5956	414182.79	3687603.29	1.59	MR
5957	414176	3687620.28	1.66	MR
5958	414165.76	3687630.98	1.96	MR
5959	414156.69	3687642.49	1.52	MR
5960	414155.65	3687643.68	0.17	SND
5961	414155.03	3687646.28	0.07	SND
5962	414145.94	3687658.75	-0.37	SND
5966	413966.76	3687903.87	0.28	SND
5967	413966.58	3687907.42	1.53	MR
5968	413961.1	3687919.48	1.87	MR
5969	413949.12	3687935.43	1.77	MR
5970	413933.81	3687950.54	1.77	MR
5971	413919.14	3687961.27	1.54	MR
17950	414149.4	3687663.9	-0.2	SND
17951	414153.1	3687667.5	-0.2	SND
17952	414155.5	3687671.8	-0.1	SND
17953	414156.8	3687676.8	-0.2	SND
17954	414156.5	3687682.2	-0.2	SND
17955	414154.1	3687686.5	-0.2	SND
17956	414150.1	3687689.3	-0.2	SND
17957	414145.3	3687690.6	-0.3	SND
17958	414140.6	3687692.2	-0.3	SND
17959	414136.2	3687694.8	-0.3	SND
17960	414132.3	3687698	-0.4	SND
17961	414128.3	3687702.3	-0.4	SND
17962	414125.1	3687706.3	-0.6	SND
17963	414122.1	3687710.4	-0.6	SND
17964	414119.2	3687714.6	-0.8	SND
17965	414116.5	3687718.8	-1	SND
17966	414114.3	3687723.7	-1.4	SND
17967	414112.9	3687728.5	-1.7	SND
17968	414111.9	3687733.4	-2.4	SND
17969	414110.8	3687738.3	-2.8	SND
17970	414109.1	3687743.6	-4.4	SND
17971	414106.8	3687748.2	-6.1	SND
17972	414103.8	3687752.4	-6.5	SND
17973	414100.2	3687756.6	-6.7	SND
17974	414096.6	3687760.1	-7.6	SND
17975	414092.6	3687763.5	-8.5	SND
17976	414088.5	3687766.3	-9.3	SND
17977	414084.2	3687768.8	-10	SND
17978	414079.7	3687771	-10.3	SND
17979	414075.1	3687773	-10.7	SND
17980	414070.5	3687775	-10.8	SND
17981	414065.6	3687777.1	-11.1	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-30.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
17982	414061.1	3687779.4	-11.4	SND
17983	414056.9	3687782.2	-11.7	SND
17984	414052.6	3687785.3	-11.7	SND
17985	414048.3	3687788.3	-11.5	SND
17986	414044	3687790.8	-11.8	SND
17987	414039.4	3687792.8	-12.3	SND
17988	414034.5	3687794.7	-12.1	SND
17989	414029.7	3687796.7	-11.7	SND
17990	414025	3687799.1	-11.1	SND
17991	414020.8	3687802.3	-10.6	SND
17992	414017.1	3687805.8	-9.6	SND
17993	414013.5	3687809.6	-9	SND
17994	414010.1	3687813.6	-8.9	SND
17995	414007	3687818.1	-8.5	SND
17996	414004.2	3687822.4	-8.1	SND
17997	414001.8	3687826.9	-6.8	SND
17998	413999.5	3687831.4	-6.3	SND
17999	413997.4	3687836	-5	SND
18000	413995.2	3687841.4	-3.5	SND
18001	413993.2	3687846.2	-2.4	SND
18002	413990.9	3687850.9	-1.7	SND
18003	413988.4	3687855.3	-1.5	SND
18004	413985.5	3687859.5	-1.2	SND
18005	413982.5	3687863.6	-1.2	SND
18006	413979.5	3687867.8	-1	SND
18007	413976.6	3687871.8	-0.8	SND
18008	413973.8	3687875.9	-0.7	SND
18009	413970.9	3687879.9	-0.6	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-31.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5972	414276.87	3688166.25	1.57	MR
5973	414283.85	3688147.19	1.65	MR
5974	414289.43	3688129.59	1.68	MR
5975	414296.31	3688116.89	1.85	MR
5976	414302.48	3688108.3	1.69	MR
5977	414313.5	3688098.96	1.41	MR
5978	414315.68	3688095.57	0.79	SND
5979	414317.75	3688085.1	0.34	SND
5984	414466.61	3687896.68	-0.53	SND
5985	414485.58	3687877.36	0.02	SND
5986	414498.55	3687866.74	0.88	SND
5987	414498.84	3687864.24	1.6	MR
5988	414505.04	3687846.54	1.68	MR
5989	414510.97	3687830.23	1.52	MR
5990	414518.7012	3687813.791	1.52	MR
18013	414473.6	3687891.9	-0.2	SND
18014	414473.8	3687896.9	-0.4	SND
18015	414472.6	3687901.6	-0.3	SND
18016	414469.3	3687905.3	-0.7	SND
18017	414464.3	3687905.9	-0.8	SND
18018	414459.4	3687906.9	-0.9	SND
18019	414454.8	3687908.7	-1.1	SND
18020	414450.4	3687911.3	-1.1	SND
18021	414446.4	3687914.3	-1.3	SND
18022	414442.6	3687917.5	-1.4	SND
18023	414438.8	3687920.9	-1.5	SND
18024	414435.6	3687924.8	-1.8	SND
18025	414432.9	3687929	-1.9	SND
18026	414430.7	3687933.6	-2.4	SND
18027	414428	3687937.8	-2.9	SND
18028	414424.6	3687941.6	-3.7	SND
18029	414420.6	3687944.7	-4.7	SND
18030	414416.5	3687947.9	-5.4	SND
18031	414412.7	3687951.2	-6.4	SND
18032	414409	3687954.6	-6.8	SND
18033	414405.2	3687958.2	-7.2	SND
18034	414401.9	3687961.9	-7.6	SND
18035	414398.7	3687965.8	-8.2	SND
18036	414395.8	3687969.8	-8.7	SND
18037	414392.8	3687973.9	-9.1	SND
18038	414389.6	3687977.9	-9.6	SND
18039	414386.4	3687981.8	-10.1	SND
18040	414383.1	3687985.7	-10.6	SND
18041	414379.9	3687989.9	-10.5	SND
18042	414377.2	3687994	-10.4	SND
18043	414374.4	3687998.3	-11	SND
18044	414371.9	3688002.6	-10.9	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-31.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
18045	414369.5	3688007	-10.6	SND
18046	414367.3	3688011.6	-10.1	SND
18047	414365.1	3688016.3	-9.7	SND
18048	414363	3688020.9	-10.2	SND
18049	414361	3688025.5	-9.9	SND
18050	414359.2	3688030.2	-9.7	SND
18051	414357.3	3688034.9	-9.3	SND
18052	414355.3	3688039.7	-8.9	SND
18053	414353.1	3688044.2	-8.2	SND
18054	414350.7	3688048.7	-7.1	SND
18055	414348	3688052.9	-5.7	SND
18056	414345	3688056.9	-3.9	SND
18057	414341.8	3688060.7	-2.7	SND
18058	414338.5	3688064.3	-1.8	SND
18059	414335.3	3688067.4	-1.3	SND
18060	414332.4	3688070.4	-0.7	SND
18061	414329.4	3688073.4	-0.2	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-32.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5991	414806.9812	3688082.141	1.97	MR
5992	414813.74	3688094.15	1.52	MR
5993	414810.28	3688101.45	2.03	MR
5994	414795.4	3688112.32	1.2	MR
5995	414787	3688129.63	1.58	MR
5996	414781.23	3688138.5	1.41	MR
5997	414780.51	3688139.58	-0.34	SND
5998	414778.59	3688143.29	-1.07	SND
6002	414607.33	3688383.5	0.53	SND
6003	414590.19	3688393.05	1.12	SND
6004	414571.66	3688403.37	0.55	SND
6005	414570.73	3688405.19	1.43	MR
6006	414557.82	3688416.24	1.64	MR
6008	414543.37	3688446.22	1.51	MR
6009	414532.74	3688463.08	1.22	MR
18066	414605.8	3688368	0.3	SND
18067	414610.8	3688367.6	0.2	SND
18068	414617.3	3688363.1	0.1	SND
18069	414619.9	3688358.8	-0.2	SND
18070	414622.2	3688354	-0.5	SND
18071	414624.7	3688349.7	-1.1	SND
18072	414628.5	3688345.6	-2	SND
18073	414632.7	3688341.9	-2.6	SND
18074	414636.2	3688338.2	-3.8	SND
18075	414639.2	3688334	-4.3	SND
18076	414641.7	3688329.5	-5.3	SND
18077	414644	3688324.8	-5.8	SND
18078	414646.2	3688320.3	-6.2	SND
18079	414648.5	3688315.6	-6.8	SND
18080	414650.9	3688310.8	-7.3	SND
18081	414653.1	3688306.1	-7.3	SND
18082	414655.3	3688301.4	-7.6	SND
18083	414657.4	3688296.9	-7.9	SND
18084	414659.7	3688292.3	-8.3	SND
18085	414662.1	3688287.8	-8.7	SND
18086	414664.8	3688283.5	-8.7	SND
18087	414668.2	3688278.7	-8.7	SND
18088	414671.4	3688274.7	-9.6	SND
18089	414674.8	3688270.7	-10.3	SND
18090	414678.2	3688267	-10.4	SND
18091	414681.7	3688263.5	-10.2	SND
18092	414685.5	3688260	-10.1	SND
18093	414690	3688256.4	-9.7	SND
18094	414694.1	3688253.5	-9.4	SND
18095	414698.4	3688250.7	-9.2	SND
18096	414702.8	3688247.9	-8.9	SND
18097	414707.1	3688245.2	-8.4	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-32.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
18098	414711.4	3688242.6	-8.1	SND
18099	414715.6	3688239.7	-7.4	SND
18100	414719.8	3688236.8	-6.7	SND
18101	414724.1	3688233.5	-5.8	SND
18102	414728.6	3688229.7	-5	SND
18103	414732.3	3688226.2	-3.7	SND
18104	414736.4	3688221.9	-3	SND
18105	414739.5	3688218	-2.1	SND
18106	414742.5	3688214	-1.9	SND
18107	414745.5	3688209.9	-1.7	SND
18108	414748.4	3688205.7	-1.5	SND
18109	414751.3	3688201.7	-1.5	SND
18110	414754.3	3688197.7	-1.4	SND
18111	414757.4	3688193.7	-1.2	SND
18112	414760.5	3688189.8	-1.2	SND
18113	414763.5	3688185.7	-1.1	SND
18114	414766.5	3688181.3	-1	SND
18115	414769.4	3688177.2	-1.2	SND
18116	414772.3	3688173.1	-1.3	SND
18117	414775.4	3688169.2	-1.1	SND
18118	414779.1	3688165.2	-1.1	SND
18119	414782.5	3688161.9	-1.2	SND



TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-33.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
6010	414850.73	3688719.74	1.6	MR
6011	414861.57	3688712.36	1.7	MR
6012	414869.79	3688700.3	1.7	MR
6013	414878.46	3688684.28	1.76	MR
6014	414884.4	3688669.33	1.67	MR
6015	414890.53	3688664.52	1.54	MR
6016	414891.68	3688663.53	0.69	SND
6017	414892.85	3688661.33	0.16	SND
6018	414897.37	3688654.11	-0.05	SND
6019	414903.88	3688644.4	-0.12	SND
6020	414910.38	3688635.85	-0.22	SND
18144	415178.463	3688286.671	-1.2	SND
18145	415169.7	3688300.3	-1.3	SND
18146	415168.1	3688305	-1.1	SND
18147	415166.4	3688309.7	-1.3	SND
18148	415164.7	3688314.5	-1.2	SND
18149	415152.6	3688332.5	-1.1	SND
18150	415148.8	3688335.8	-1.2	SND
18151	415144.9	3688339.3	-1.2	SND
18152	415141.2	3688342.6	-1.2	SND
18153	415137.3	3688345.8	-1.3	SND
18154	415133	3688348.4	-1.3	SND
18155	415128.3	3688350.3	-1.4	SND
18156	415123.3	3688352	-1.2	SND
18157	415118.3	3688353.9	-1.2	SND
18158	415113.6	3688355.8	-1.3	SND
18159	415108.8	3688357.5	-1.3	SND
18160	415103.9	3688358.8	-1.1	SND
18161	415099.2	3688360.5	-1.4	SND
18162	415094.4	3688362.8	-1.1	SND
18163	415090.1	3688365.6	-1.1	SND
18164	415086.1	3688368.9	-1.2	SND
18165	415082.3	3688372.4	-1.1	SND
18166	415077.1	3688377	-1.1	SND
18167	415064.8	3688388.8	-1.1	SND
18168	415061.6	3688392.8	-1.1	SND
18169	415058.6	3688396.9	-1.3	SND
18170	415055.6	3688400.9	-1.2	SND
18171	415052.6	3688404.9	-1.2	SND
18172	415050	3688409.2	-1.4	SND
18173	415047.6	3688414.3	-1.3	SND
18174	415046.1	3688419.2	-1.3	SND
18175	415045.4	3688424.1	-1.2	SND
18176	415045.5	3688429.4	-1.5	SND
18177	415046.3	3688434.3	-1.7	SND
18178	415047.3	3688439.3	-2	SND
18179	415048.1	3688444.2	-2.2	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-33.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
18180	415048	3688449.3	-2.4	SND
18181	415046.6	3688454.2	-3	SND
18182	415044.3	3688458.7	-3.6	SND
18183	415041.5	3688463.4	-5	SND
18184	415038.9	3688467.8	-6.1	SND
18185	415036.4	3688472.3	-6.8	SND
18186	415033.9	3688476.8	-7.4	SND
18187	415031.3	3688481.2	-7.7	SND
18188	415028.5	3688485.5	-8.2	SND
18189	415025.6	3688489.7	-8.2	SND
18190	415022.6	3688494	-8.3	SND
18191	415019.6	3688498.3	-8.8	SND
18192	415016.8	3688502.4	-8.9	SND
18193	415014.2	3688506.7	-9.1	SND
18194	415011.5	3688511	-9.2	SND
18195	415008.7	3688515.3	-9.1	SND
18196	415005.9	3688519.6	-9.6	SND
18197	415002.9	3688523.8	-9	SND
18198	415000.1	3688528	-9	SND
18199	414997.5	3688532.3	-9.4	SND
18200	414994.9	3688536.7	-9.1	SND
18201	414992.3	3688541.1	-9.3	SND
18202	414989.6	3688545.3	-9.1	SND
18203	414986.9	3688549.6	-8.7	SND
18204	414984.3	3688553.9	-8.4	SND
18205	414981.7	3688558.2	-7.9	SND
18206	414979	3688562.5	-7.4	SND
18207	414976.3	3688566.7	-7	SND
18208	414973.4	3688571	-5.6	SND
18209	414970.4	3688575	-5.9	SND
18210	414967.2	3688578.9	-6	SND
18211	414963.8	3688582.7	-5.4	SND
18212	414959	3688587.4	-4.2	SND
18213	414954.6	3688591.6	-2.4	SND
18214	414950.9	3688595.3	-1.6	SND
18215	414947.3	3688599.2	-1	SND
18216	414943.4	3688603.6	-0.5	SND
18217	414940.1	3688607.4	-0.5	SND
18218	414936.8	3688611.2	-0.7	SND
18219	414933.4	3688614.8	-0.5	SND
18220	414929.7	3688618.4	-0.3	SND
18221	414926	3688621.9	-0.3	SND
18222	414922	3688625.4	-0.2	SND
18223	414918.2	3688628.6	-0.3	SND
18224	414914	3688632.1	-0.2	SND
18225	414910.2	3688635.4	-0.1	SND
18226	414905.1	3688639.6	0	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-33.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
18227	414901.7	3688642.8	-0.1	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-34.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5121	409122.087	3693902.272	-1.207	SND
5122	409130.074	3693891.036	-0.656	SND
5123	409140.066	3693880.956	0.106	SND
5124	409141.737	3693880.929	1.898	TBK
5125	409151.201	3693866.644	3.021	GRND
5126	409181.075	3693817.003	-0.026	SND
5127	409198.004	3693810.102	-0.335	SND
5128	409207.344	3693798.834	-0.152	SND
5129	409216.104	3693783.888	-0.038	SND
5130	409222.713	3693769.242	-0.42	SND
5131	409230.526	3693755.271	-0.449	SND
5132	409241.42	3693741.948	-0.411	SND
5133	409253.054	3693730.747	-0.16	SND
5134	409265.352	3693719.574	0.054	SND
5135	409275.299	3693709.091	0.096	SND
5136	409284.254	3693698.44	-0.008	SND
5137	409294.563	3693684.043	0.113	SND
5138	409303.793	3693670.623	0.076	SND
5139	409311.689	3693656.404	-0.019	SND
5140	409319.667	3693641.649	-0.052	SND
5141	409327.97	3693628.543	-0.116	SND
5142	409335.622	3693617.848	-0.014	SND
5143	409345.847	3693605.133	-0.098	SND
5144	409355.253	3693591.15	-0.097	SND
5145	409363.447	3693581.249	-0.157	SND
5146	409369.744	3693574.579	0.473	SND
5147	409372.225	3693573.012	1.691	TBK
5148	409376.258	3693567.292	1.939	GRND
5149	409374.685	3693555.475	1.556	GRND
5150	409382.369	3693544.974	2.119	GRND
5151	409394.878	3693537.279	1.582	GRND
5152	409407.9074	3693524.938	1.702	GRND
5341	409155.286	3693856.304	3.634	GRND
5342	409155.635	3693846.723	3.48	GRND
5343	409153.451	3693840.341	3.118	GRND
5344	409156.436	3693835.29	2.463	GRND
5347	409160.447	3693824.706	0.314	SND
5348	409168.4128	3693821.441	-0.173	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-35.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5153	409783.9644	3693750.897	0.005	SND
5154	409766.43	3693772.941	0.329	SND
5155	409757.416	3693785.297	0.319	SND
5156	409739.611	3693805.634	0.704	SND
5157	409738.077	3693807.375	1.3	MR
5158	409734.882	3693820.151	1.566	GRND
5159	409723.414	3693831.992	1.999	GRND
5160	409723.533	3693842.855	2.301	GRND
5161	409718.899	3693851.301	2.261	GRND
5162	409715.499	3693865.052	2.221	GRND
5163	409713.768	3693867.798	0.858	SND
5295	409536.728	3694063.61	-0.983	SND
5296	409546.6988	3694044.626	0.238	SND
5297	409555.713	3694026.87	1.196	SND
5298	409556.26	3694026.025	2.031	TBK
5299	409555.814	3694021.06	2.978	GRND
5300	409560.584	3694014.114	3.522	GRND
5301	409566.114	3694005.855	3.914	GRND
5302	409570.261	3694005.106	4.033	GRND
5303	409575.246	3693998.699	4.314	GRND
5304	409580.511	3693992.159	3.547	TBK
5305	409581.948	3693990.464	1.428	SND
5306	409588.172	3693982.129	0.298	SND
5307	409595.674	3693977.406	-0.074	SND
5308	409604.842	3693965.713	-0.374	SND
5309	409604.332	3693960.054	-0.396	SND
5310	409620.831	3693941.887	-0.62	SND
5311	409638.134	3693920.171	-0.68	SND
5312	409657.91	3693895.717	-0.334	SND
5313	409669.892	3693885.092	-0.238	SND
5314	409697.498	3693869.538	0.497	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-36.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5164	410164.7014	3693898.444	-0.261	SND
5165	410156.898	3693912.502	-0.077	SND
5166	410149.894	3693924.733	-0.075	SND
5167	410140.993	3693937.053	0.031	SND
5168	410129.774	3693950.23	-0.026	SND
5169	410119.268	3693960.733	-0.013	SND
5170	410108.047	3693970.356	0.652	SND
5171	410106.642	3693972.255	1.208	MR
5172	410098.167	3693979.33	1.539	GRND
5173	410093.561	3693993.469	2.087	GRND
5174	410095.079	3694000.098	2.375	GRND
5175	410089.108	3694007.813	2.444	GRND
5176	410085.286	3694014.984	2.574	GRND
5177	410084.357	3694020.5	2.553	TBK
5178	410084.284	3694021.11	0.94	SND
5268	410075.372	3694019.555	1.077	SND
5269	410072.217	3694025.082	0.533	SND
5270	410069.714	3694039.047	0.108	SND
5271	410063.779	3694051.698	0.181	SND
5272	410055.421	3694063.267	-0.006	SND
5273	410044.747	3694076.427	-0.297	SND
5274	410032.298	3694088.795	-0.884	SND
5275	410013.722	3694106.961	-0.405	SND
5276	409998.647	3694122.896	-0.274	SND
5277	409984.106	3694141.314	-0.243	SND
5278	409974.867	3694155.869	0.513	SND
5279	409970.241	3694161.035	1.116	SND
5280	409968.244	3694162.911	1.509	TBK
5281	409970.909	3694166.425	2.993	TBK
5282	409968.494	3694169.808	3.306	GRND
5283	409966.18	3694176.687	4.165	GRND
5284	409961.653	3694184.044	3.946	GRND
5285	409955.56	3694192.408	3.034	GRND
5286	409954.596	3694196.321	2.751	GRND
5287	409944.384	3694202.912	2.049	GRND
5288	409943.684	3694206.511	1.707	GRND
5289	409938.068	3694213.439	1.612	GRND
5290	409935.361	3694211.704	1.648	GRND
5291	409933.251	3694219.545	1.691	GRND
5292	409925.533	3694228.314	1.609	TBK
5293	409924.135	3694230.817	0.467	SND
5294	409921.529	3694236.018	0.555	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-37.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5179	410603.4134	3693954.105	1.301	SND
5180	410610.734	3693976.622	1.231	SND
5182	410601.352	3694010.231	1.252	SND
5183	410589.821	3694026.215	1.227	SND
5184	410573.197	3694045.364	1.265	SND
5185	410549.437	3694064.62	0.488	SND
5186	410548.954	3694066.136	1.07	MR
5187	410542.451	3694074.665	1.612	GRND
5188	410534.234	3694086.049	1.508	GRND
5189	410523.603	3694099.87	1.811	GRND
5190	410510.762	3694114.473	1.587	GRND
5191	410500.651	3694124.189	1.585	MR
5192	410491.355	3694133.808	1.674	MR
5193	410481.147	3694146.688	1.788	GRND
5194	410473.977	3694155.287	2.114	GRND
5195	410467.037	3694161.582	2.413	GRND
5196	410466.516	3694163.1	2.431	GRND
5197	410463.607	3694172.42	2.308	GRND
5198	410462.231	3694177.224	2.067	TBK
5199	410462.512	3694179.104	1.245	SND
5240	410226.737	3694478.261	0.639	SND
5241	410237.668	3694469.414	0.715	SND
5242	410249.48	3694456.509	0.754	SND
5243	410261.812	3694439.808	0.443	SND
5244	410259.789	3694438.266	1.014	MR
5245	410269.431	3694425.108	1.704	MR
5246	410276.986	3694410.474	1.442	MR
5247	410286.074	3694396.955	1.611	MR
5248	410294.279	3694384.299	1.672	MR
5249	410303.071	3694374.433	1.52	MR
5250	410312.803	3694362.832	1.789	MR
5251	410315.161	3694359.813	1.868	GRND
5252	410317.935	3694352.477	2.606	GRND
5253	410319.161	3694344.269	3.484	GRND
5254	410324.848	3694332.123	3.139	GRND
5255	410330.256	3694324.802	2.87	GRND
5256	410330.463	3694318.222	2.614	TBK
5257	410331.522	3694316.175	0.993	SND
5258	410335.811	3694303.853	0.963	SND
5260	410339.943	3694291.885	0.369	SND
5261	410350.035	3694276.536	0.332	SND
5262	410363.017	3694263.607	0.009	SND
5263	410376.104	3694249.289	-0.543	SND
5264	410389.248	3694231.694	-0.542	SND
5265	410402.692	3694212.671	0.347	SND
5266	410414.652	3694200.452	0.278	SND
5267	410427.438	3694185.426	0.407	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-38.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5200	410954.4644	3694152.559	-0.828	SND
5201	410951.724	3694165.751	-0.747	SND
5202	410947.676	3694178.51	-0.625	SND
5203	410941.989	3694190.889	-1.001	SND
5204	410935.338	3694197.806	-0.018	SND
5205	410934.151	3694199.041	1.385	MR
5206	410921.794	3694212.533	1.494	MR
5207	410913.404	3694219.95	1.642	GRND
5208	410908.563	3694226.739	1.757	GRND
5209	410903.221	3694237.539	2.02	GRND
5210	410899.181	3694244.651	2.311	GRND
5211	410892.275	3694249.47	2.979	GRND
5212	410888.443	3694263.045	2.184	GRND
5213	410882.33	3694266.727	2.354	TBK
5214	410881.702	3694268.696	1.104	SND
5215	410881.665	3694281.094	0.238	SND
5216	410867.325	3694277.159	0.18	SND
5217	410868.554	3694288.507	-0.775	SND
5218	410861.555	3694304.299	-0.892	SND
5219	410851.769	3694320.294	-0.966	SND
5220	410842.591	3694333.414	-0.692	SND
5221	410832.551	3694347.597	-0.889	SND
5222	410818.771	3694363.71	-0.445	SND
5223	410806.233	3694377.797	-0.389	SND
5224	410794.314	3694392.124	-0.569	SND
5225	410781.931	3694408.329	-0.627	SND
5226	410770.65	3694425.181	-0.509	SND
5227	410756.375	3694445.095	-0.509	SND
5228	410744.19	3694461.612	-0.258	SND
5229	410732.794	3694475.642	0.661	SND
5230	410728.328	3694479.757	2.144	TBK
5231	410726.887	3694485.744	2.911	GRND
5232	410723.693	3694492.915	2.569	GRND
5233	410718.47	3694502.901	1.907	GRND
5234	410713.391	3694510.504	1.633	GRND
5235	410708.305	3694525.228	1.373	MR
5236	410698.904	3694534.575	1.503	MR
5237	410693.739	3694540.473	1.315	MR
5238	410692.723	3694540.868	0.795	SND
5239	410682.24	3694549.124	0.888	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-39.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4937	409552.614	3697234.818	1.369	MR
4938	409557.54	3697219.288	1.531	MR
4939	409559.88	3697202.933	1.573	MR
4940	409560.628	3697181.034	1.549	GRND
4941	409559.924	3697163.758	1.505	GRND
4942	409562.088	3697152.892	1.653	GRND
4943	409564.691	3697135.513	1.697	GRND
4944	409562.904	3697123.422	1.514	GRND
4945	409561.601	3697109.735	1.575	GRND
4946	409558.626	3697092.292	1.405	TBK
4947	409558.717	3697089.595	-0.019	SND
4948	409557.329	3697086.103	-0.159	SND
4949	409555.095	3697071.363	-0.178	SND
4950	409551.953	3697059.297	-0.237	SND
4951	409550.015	3697045.957	-0.347	SND
4952	409548.298	3697028.329	-0.352	SND
4953	409547.025	3697009.842	-0.425	SND
4954	409547.542	3696991.501	-0.492	SND
4955	409549.853	3696974.461	-0.525	SND
4956	409555.04	3696957.118	-0.413	SND
4957	409558.932	3696942.192	-0.378	SND
4958	409564.032	3696924.999	0.431	SND
4959	409555.691	3696923.085	0.745	SND
4960	409556.534	3696921.129	1.429	TBK
4961	409554.058	3696908.572	1.677	GRND
4962	409549.971	3696890.15	2.121	GRND
4963	409551.168	3696876.205	2.071	GRND
4964	409548.728	3696872.126	2.026	GRND
4965	409554.14	3696860.507	1.935	GRND
4966	409554.026	3696846.67	1.619	GRND
4967	409551.907	3696838.247	1.581	GRND
4968	409550.02	3696830.289	1.451	TBK
4969	409549.203	3696826.12	0.795	SND
4970	409550.056	3696817.683	0.135	SND
4971	409547.719	3696803.69	0.147	SND
4972	409548.037	3696790.277	-0.058	SND
4973	409547.5565	3696770.708	0.236	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-40.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4903	409147.0124	3696729.821	0.09	SND
4904	409145.89	3696745.896	0.027	SND
4905	409144.965	3696767.462	0.368	SND
4906	409145.038	3696770.924	1.314	MR
4907	409147.466	3696782.74	1.465	MR
4908	409151.07	3696800.052	1.511	MR
4909	409153.704	3696816.524	1.483	MR
4910	409149.901	3696835.419	1.632	MR
4911	409152.331	3696848.622	1.572	GRND
4912	409153.812	3696864.048	2.019	GRND
4913	409148.678	3696879.405	2.191	GRND
4914	409144.504	3696893.859	1.769	TBK
4915	409144.654	3696894.841	0.849	SND
4916	409144.533	3696908.311	0.105	SND
4917	409145.439	3696925.988	-0.077	SND
4918	409144.276	3696939.871	-0.224	SND
4919	409146.091	3696955.274	-0.123	SND
4920	409147.314	3696970.507	-0.182	SND
4921	409147.377	3696984.753	-0.177	SND
4922	409148.123	3697001.696	-0.011	SND
4923	409147.82	3697019.807	0.232	SND
4924	409147.242	3697037.883	0.409	SND
4925	409146.34	3697054.797	0.632	SND
4926	409146.603	3697057.94	1.613	TBK
4927	409145.483	3697066.994	1.782	GRND
4928	409142.713	3697080.139	1.991	GRND
4929	409142.361	3697093.179	1.697	GRND
4930	409145.701	3697110.715	1.26	TBK
4931	409145.72	3697113.222	0.566	SND
4932	409145.965	3697116.623	-0.038	SND
4933	409142.95	3697131.873	-0.632	SND
4934	409141.193	3697142.345	-0.845	SND
4935	409142.202	3697157.196	-0.948	SND
4936	409142.671	3697170.39	-0.838	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-41.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4773	408664.847	3696824.144	1.5	MR
4774	408679.259	3696830.052	1.499	MR
4775	408697.436	3696831.803	1.508	MR
4776	408714.254	3696830.042	1.933	GRND
4777	408729.959	3696830.156	2.4	GRND
4778	408744.451	3696831.227	2.424	GRND
4779	408761.847	3696831.005	2.687	GRND
4780	408779.492	3696834.706	2.709	GRND
4781	408794.555	3696831.985	2.676	GRND
4782	408807.139	3696831.9	2.268	TBK
4783	408809.652	3696831.541	0.854	SND
4784	408815.722	3696829.624	0.401	SND
4785	408825.293	3696827.916	-0.349	SND
4786	408835.864	3696827.44	-0.365	SND
4787	408846.044	3696828.425	-0.308	SND
4788	408858.696	3696830.501	-0.293	SND
4789	408872.619	3696832.361	-0.209	SND
4790	408887.541	3696832.565	-0.248	SND
4791	408902.317	3696831.526	-0.239	SND
4792	408936.592	3696831.699	0.405	SND
4793	408939.266	3696832.306	1.527	MR
4794	408956.679	3696832.38	1.26	MR
4795	408977.185	3696834.786	1.357	GRND
4796	408996.434	3696833.486	1.649	GRND
4797	409009.981	3696830.58	2.224	GRND
4798	409023.676	3696824.073	2.714	GRND
4799	409050.0601	3696823.515	2.442	GRND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-42.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4801	409062.988	3696449.35	0.043	SND
4802	409048.358	3696444.485	0.476	SND
4803	409028.866	3696443.287	0.885	SND
4804	409026.752	3696443.84	1.324	MR
4805	409017.862	3696450.685	1.61	GRND
4806	409004.342	3696454.327	1.722	GRND
4807	408991.804	3696458.206	1.552	GRND
4808	408978.204	3696457.815	1.679	GRND
4809	408965.957	3696455.661	1.598	GRND
4810	408957.301	3696454.246	1.377	TBK
4811	408954.936	3696455.336	0.425	SND
4812	408946.644	3696457.679	-0.215	SND
4813	408937.103	3696457.477	-0.229	SND
4814	408928.1	3696457.345	-0.191	SND
4815	408913.872	3696457.933	-0.312	SND
4816	408899.258	3696458.272	-0.492	SND
4817	408883.493	3696459.297	-0.466	SND
4818	408867.737	3696459.377	-0.314	SND
4819	408852.903	3696459.088	-0.371	SND
4820	408838.325	3696457.117	-0.403	SND
4821	408820.843	3696455.362	-0.389	SND
4822	408804.315	3696453.197	-0.292	SND
4823	408785.853	3696450.736	-0.093	SND
4824	408773.847	3696449.299	0.454	SND
4825	408771.664	3696449.88	1.504	TBK
4826	408759.623	3696451.042	1.647	GRND
4827	408746.425	3696451.627	1.681	GRND
4828	408734.339	3696453.097	1.313	TBK
4829	408731.83	3696453.264	0.496	SND
4830	408724.138	3696454.362	0.127	SND
4831	408706.515	3696454.056	-0.302	SND
4832	408693.181	3696455.146	-0.531	SND
4833	408678.1788	3696456.532	-0.689	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-43.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4834	408662.332	3696059.172	-1.391	SND
4835	408678.304	3696055.087	-1.446	SND
4836	408693.052	3696053.238	-1.176	SND
4837	408712.527	3696054.134	-0.915	SND
4838	408731.796	3696059.618	-0.222	SND
4839	408734.028	3696059.551	1.6	TBK
4840	408737.996	3696060.107	1.723	GRND
4841	408749.456	3696059.091	1.687	GRND
4842	408765.431	3696055.499	1.59	GRND
4843	408782.702	3696055.346	1.473	TBK
4844	408785.234	3696055.503	0.272	SND
4845	408792.957	3696054.312	-0.281	SND
4846	408802.118	3696053.025	-0.414	SND
4847	408811.397	3696053.239	-0.523	SND
4848	408825.514	3696052.024	-0.682	SND
4849	408840.674	3696053.207	-0.649	SND
4850	408855.464	3696056.025	-0.714	SND
4851	408871.336	3696060.675	-0.626	SND
4852	408887.958	3696066.159	-0.684	SND
4853	408911.924	3696068.331	-0.734	SND
4854	408926.889	3696065.279	-0.593	SND
4855	408944.803	3696058.521	-0.252	SND
4856	408968.462	3696056.468	0.653	SND
4857	408970.883	3696056.496	1.369	MR
4858	408985.042	3696057.246	1.56	MR
4859	408999.765	3696058.127	1.735	GRND
4860	409015.002	3696060.003	1.515	MR
4861	409024.957	3696061.485	1.169	MR
4862	409026.473	3696061.92	0.747	SND
4863	409030.193	3696061.98	0.723	SND
4864	409056.359	3696063.805	0.453	SND



TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-44.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4865	409188.6926	3695653.976	-1.067	SND
4866	409162.95	3695649.337	-0.727	SND
4867	409136.141	3695642.259	-0.097	SND
4868	409133.846	3695642.152	1.168	MR
4869	409120.63	3695645.465	1.304	MR
4870	409107.144	3695650.89	1.491	MR
4871	409091.404	3695657.674	1.526	GRND
4872	409073.204	3695663.391	1.551	GRND
4873	409063.763	3695669.761	1.525	MR
4874	409049.353	3695664.099	1.444	TBK
4875	409047.303	3695663.611	-0.121	SND
4876	409034.915	3695662.138	-0.726	SND
4877	409016.058	3695659.197	-1.099	SND
4878	408996.377	3695656.655	-1.067	SND
4879	408976.706	3695654.288	-1.089	SND
4880	408957.076	3695651.449	-1.075	SND
4881	408938.328	3695649.568	-1.005	SND
4882	408918.364	3695647.958	-0.982	SND
4883	408898.37	3695648.634	-0.995	SND
4884	408880.769	3695651.996	-1.144	SND
4885	408862.344	3695655.161	-0.719	SND
4886	408843.219	3695657.043	-0.55	SND
4887	408823.974	3695659.119	-0.455	SND
4888	408804.532	3695659.815	-0.516	SND
4889	408785.234	3695659.523	-0.399	SND
4890	408762.072	3695655.114	0.081	SND
4891	408760.9	3695655.35	1.53	MR
4892	408756.476	3695654.662	1.251	GRND
4893	408750.726	3695655.069	1.583	TBK
4894	408747.366	3695655.584	0.521	SND
4895	408739.266	3695657.703	-0.332	SND
4896	408720.161	3695657.564	-1.191	SND
4897	408700.192	3695656.683	-1.585	SND
4898	408683.648	3695655.542	-1.718	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-45.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4740	407899.266	3696752.216	0.333	SND
4741	407898.804	3696755.719	1.231	MR
4742	407830.5648	3696728.416	-0.027	SND
4743	407831.9	3696730.164	1.098	MR
4744	407836.412	3696732.985	1.605	MR
4745	407849.278	3696746.523	1.684	MR
4746	407859.619	3696755.587	1.562	MR
4747	407871.634	3696762.96	1.555	MR
4748	407881.802	3696761.326	1.597	MR
4749	407896.696	3696760.662	1.467	MR
4750	407905.357	3696759.573	1.297	MR
4751	407906.751	3696758.261	0.085	SND
4752	407918.073	3696754.477	-0.061	SND
4753	407935.718	3696752.5	-0.354	SND
4754	407950.346	3696751.501	-0.439	SND
4755	407967.193	3696751.883	-0.676	SND
4756	407984.001	3696753.83	-0.828	SND
4757	408003.032	3696756.924	-1.107	SND
4758	408020.49	3696759.096	-1.541	SND
4759	408040.592	3696760.45	-1.902	SND
4760	408063.365	3696761.034	-2.05	SND
4761	408084.434	3696761.75	-2.344	SND
4762	408103.944	3696761.73	-2.666	SND
4763	408124.537	3696761.354	-2.458	SND
4764	408143.527	3696761.029	-2.101	SND
4765	408160.647	3696762.46	-1.921	SND
4766	408178.958	3696765.718	-1.835	SND
4767	408197.012	3696769.149	-1.528	SND
4768	408220.595	3696771.219	0.668	SND
4769	408221.437	3696771.933	1.395	MR
4770	408239.131	3696769.705	1.538	MR
4771	408256.049	3696766.205	1.518	MR
4772	408275.094	3696764.844	1.109	MR

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-46.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4994	410754.963	3694744.844	1.749	MR
4995	410754.921	3694723.329	1.653	MR
4996	410756.116	3694712.497	1.225	MR
4997	410755.5	3694710.568	-0.251	SND
4998	410754.217	3694705.577	-0.619	SND
4999	410756.113	3694688.045	-0.403	SND
5000	410756.765	3694671.625	-2.086	SND
5001	410759.502	3694694.484	-0.892	SND
5002	410762.345	3694676.795	-2.008	SND
5003	410763.286	3694661.371	-3.355	SND
5004	410766.458	3694637.863	-0.704	SND
5005	410768.798	3694627.743	-0.129	SND
5006	410769.087	3694625.836	0.984	MR
5007	410769.481	3694608.372	1.757	MR
5008	410770.8106	3694593.48	1.593	MR

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-47.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5393	412808.143	3691028.205	0.332	SND
5394	412809.02	3691015.345	-0.888	SND
5395	412813.068	3690995.243	-2.288	SND
5396	412819.104	3690976.398	-0.534	SND
5397	412818.342	3690973.682	0.247	SND
5398	412818.186	3690971.856	1.527	MR
5399	412816.598	3690957.313	1.663	MR
5400	412818.791	3690944.19	1.65	MR

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-48.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5009	410992.435	3694451.798	-2.65	SND
5010	410967.327	3694453.89	-2.151	SND
5011	410949.345	3694452.993	-1.948	SND
5012	410930.57	3694449.578	-1.808	SND
5013	410907.646	3694444.776	-1.607	SND
5014	410883.983	3694439.943	-1.186	SND
5015	410864.507	3694433.517	-1.181	SND
5016	410836.658	3694421.881	-1.103	SND
5017	410816.607	3694415.091	-1.069	SND
5018	410798.313	3694407.723	-0.967	SND
5019	410781.462	3694400.919	-0.639	SND
5020	410761.528	3694392.07	-0.707	SND
5021	410740.766	3694384.494	-0.812	SND
5022	410721.942	3694377.45	-0.652	SND
5023	410702.554	3694369.782	-0.707	SND
5024	410687.054	3694364.221	-0.798	SND
5025	410667.364	3694358.204	-0.912	SND
5026	410647.342	3694351.37	-0.728	SND
5027	410627.759	3694344.228	-0.721	SND
5028	410608.286	3694336.756	-0.741	SND
5029	410589.159	3694329.555	-0.73	SND
5030	410569.071	3694322.316	-0.82	SND
5031	410547.791	3694315.472	-0.798	SND
5032	410529.405	3694309.802	-0.793	SND
5033	410511.18	3694302.812	-0.805	SND
5034	410490.16	3694294.393	-0.611	SND
5035	410473.048	3694287.239	-0.676	SND
5036	410453.767	3694276.942	-0.749	SND
5037	410435.56	3694268.061	-0.756	SND
5038	410415.352	3694258.649	-0.692	SND
5039	410396.105	3694250.3	-0.731	SND
5040	410376.094	3694241.456	-0.688	SND
5041	410357.497	3694233.293	-0.727	SND
5042	410338.745	3694225.119	-0.797	SND
5043	410318.085	3694215.758	-0.766	SND
5044	410301.222	3694207.567	-0.882	SND
5045	410281.812	3694198.603	-1.063	SND
5046	410261.784	3694190.334	-0.794	SND
5047	410242.412	3694182.62	-0.857	SND
5048	410220.857	3694174.255	-0.848	SND
5049	410201.738	3694166.769	-0.631	SND
5050	410181.148	3694159.486	-0.708	SND
5051	410162.081	3694152.272	-0.679	SND
5052	410143.611	3694144.609	-0.743	SND
5053	410125.298	3694136.846	-0.661	SND
5054	410103.15	3694127.069	-0.704	SND
5055	410083.748	3694121.494	-0.746	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-48.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5056	410066.729	3694115.666	-0.863	SND
5057	410048.766	3694107.699	-0.934	SND
5058	410030.897	3694100.109	-0.951	SND
5059	410010.421	3694091.309	-0.839	SND
5060	409993.314	3694084.226	-0.825	SND
5061	409976.265	3694077.091	-0.864	SND
5062	409955.899	3694067.047	-0.667	SND
5063	409934.516	3694057.74	-0.738	SND
5064	409915.742	3694050.634	-0.874	SND
5065	409894.994	3694042.985	-0.868	SND
5066	409874.316	3694033.639	-0.963	SND
5067	409850.888	3694023.727	-0.933	SND
5068	409835.573	3694016.949	-0.907	SND
5069	409817.565	3694008.601	-0.969	SND
5070	409799.487	3694000.727	-1.054	SND
5071	409782.595	3693993.421	-0.849	SND
5072	409761.549	3693983.937	-0.798	SND
5073	409743.747	3693975.256	-0.814	SND
5074	409728.986	3693968.056	-0.753	SND
5075	409710.086	3693959.492	-1.112	SND
5076	409690.091	3693952.472	-1.086	SND
5077	409671.26	3693946.836	-0.974	SND
5078	409651.01	3693938.686	-1.123	SND
5079	409632.525	3693930.632	-0.901	SND
5080	409613.514	3693922.446	-0.629	SND
5081	409596.7	3693914.004	-0.623	SND
5082	409580.709	3693906.667	-0.596	SND
5083	409562.611	3693899.099	-0.543	SND
5084	409544.797	3693891.219	-0.775	SND
5085	409527.002	3693883.328	-0.386	SND
5086	409510.4	3693875.534	-0.557	SND
5087	409493.09	3693867.51	-0.566	SND
5088	409475.451	3693859.827	-0.392	SND
5089	409457.862	3693852.586	-0.443	SND
5090	409440.452	3693846.255	-0.287	SND
5091	409421.177	3693838.599	-0.315	SND
5092	409408.286	3693833.008	-0.167	SND
5093	409389.696	3693826.496	-0.554	SND
5094	409374.051	3693822.574	-0.104	SND
5095	409359.669	3693818.609	-0.147	SND
5096	409344.458	3693812.784	-0.124	SND
5097	409328.213	3693805.793	-0.071	SND
5098	409308.898	3693798.912	-0.178	SND
5099	409293.478	3693792.765	-0.224	SND
5100	409280.185	3693788.303	-0.261	SND
5101	409264.993	3693783.789	-0.211	SND
5102	409245.688	3693778.629	-0.15	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-48.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5103	409229.37	3693773.718	-0.296	SND
5104	409213.306	3693769.435	-0.486	SND
5105	409194.661	3693763.624	-0.858	SND
5106	409175.898	3693754.718	-1.044	SND
5107	409212.046	3693753.047	-0.479	SND
5108	409201.26	3693748.215	-0.736	SND
5109	409187.74	3693743.748	-0.902	SND
5110	409172.882	3693738.267	-1.535	SND
5111	409158.449	3693732.083	-1.862	SND
5112	409140.69	3693726.002	-2.101	SND
5113	409125.001	3693720.783	-2.726	SND
5114	409106.189	3693714.118	-2.558	SND
5115	409090.665	3693707.604	-1.986	SND
5116	409073.391	3693699.139	-0.877	SND
5117	409056.1777	3693692.59	-1.202	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10000	414846.691	3683128.768	-8.5	SND
10001	414844.2	3683132.6	-8	SND
10002	414841.2	3683136.8	-7.9	SND
10003	414837.9	3683140.7	-7.8	SND
10004	414834.7	3683144.7	-7.8	SND
10005	414831.6	3683148.8	-7.8	SND
10006	414828.3	3683152.8	-8	SND
10007	414825	3683156.8	-8	SND
10008	414821.5	3683160.7	-7.4	SND
10009	414818.1	3683164.6	-7.4	SND
10010	414814.7	3683168.3	-7.9	SND
10011	414811.1	3683172.2	-7.9	SND
10012	414807.4	3683176.1	-8	SND
10013	414803.9	3683179.7	-8	SND
10014	414800.3	3683183.2	-8.4	SND
10015	414796.7	3683186.7	-8.4	SND
10016	414792.8	3683190.4	-7.8	SND
10017	414789.1	3683193.8	-7.5	SND
10018	414785.2	3683197.4	-7.8	SND
10019	414781.7	3683201	-7.9	SND
10020	414778.1	3683204.6	-8	SND
10021	414773.6	3683209.4	-7.9	SND
10022	414769.3	3683214	-8.1	SND
10023	414765.7	3683217.6	-8.3	SND
10024	414762.1	3683221.3	-8.1	SND
10025	414758.5	3683224.9	-8.2	SND
10026	414754.9	3683228.6	-8.2	SND
10027	414751.3	3683232.3	-8.9	SND
10028	414747.7	3683235.9	-8.5	SND
10029	414744.2	3683239.5	-8.6	SND
10030	414740.6	3683243.1	-8.9	SND
10031	414736.9	3683246.8	-8.8	SND
10032	414733.2	3683250.5	-8.8	SND
10033	414729.5	3683254.2	-8.6	SND
10034	414725.9	3683257.8	-9	SND
10035	414722.2	3683261.4	-8.9	SND
10036	414718.6	3683265	-8.8	SND
10037	414715	3683268.6	-9.1	SND
10038	414711.4	3683272.2	-8.8	SND
10039	414707.8	3683275.9	-9.1	SND
10040	414704.2	3683279.7	-8.7	SND
10041	414700.7	3683283.4	-8.3	SND
10042	414697.2	3683287.3	-8.3	SND
10043	414693.8	3683291	-8.5	SND
10044	414690.4	3683294.8	-9	SND
10045	414687	3683298.7	-8.8	SND
10046	414683.6	3683302.6	-8.6	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10047	414680.2	3683306.5	-8.4	SND
10048	414676.8	3683310.4	-8.5	SND
10049	414673.2	3683314.6	-8.5	SND
10050	414669.9	3683318.6	-8.6	SND
10051	414666.5	3683322.5	-8.6	SND
10052	414663.1	3683326.5	-8.8	SND
10053	414659.9	3683330.3	-8.8	SND
10054	414656.5	3683334.2	-9.1	SND
10055	414653.2	3683338.1	-9	SND
10056	414649.8	3683341.9	-8.4	SND
10057	414646.5	3683345.8	-8.2	SND
10058	414642.6	3683350.2	-8.3	SND
10059	414639.3	3683354.1	-8.2	SND
10060	414636	3683358.1	-8.5	SND
10061	414632.8	3683362.1	-8.8	SND
10062	414629.6	3683366	-8.3	SND
10063	414626.3	3683369.9	-8.7	SND
10064	414622.9	3683373.8	-8.3	SND
10065	414619.5	3683377.5	-8.5	SND
10066	414616	3683381.3	-8.6	SND
10067	414612.4	3683384.9	-8.5	SND
10068	414608.8	3683388.4	-8.4	SND
10069	414604.9	3683392.3	-8.4	SND
10070	414601.1	3683396.1	-8.7	SND
10071	414597.5	3683399.6	-8.7	SND
10072	414593.7	3683403.4	-8.3	SND
10073	414590.2	3683407	-8.4	SND
10074	414586.4	3683411	-8.3	SND
10075	414582.6	3683415.2	-8.6	SND
10076	414579	3683419.2	-8.7	SND
10077	414575.4	3683423.5	-8.8	SND
10078	414571.8	3683427.8	-8.6	SND
10079	414568.2	3683432.2	-8.5	SND
10080	414564.8	3683436.5	-8.7	SND
10081	414560.9	3683441.3	-8.9	SND
10082	414557.3	3683445.7	-9.3	SND
10083	414554.1	3683449.6	-9.2	SND
10084	414550.6	3683453.8	-9.4	SND
10085	414547.1	3683458.1	-9.6	SND
10086	414543.3	3683462.6	-9	SND
10087	414539.6	3683467	-8.7	SND
10088	414536	3683471.2	-9.2	SND
10089	414532.7	3683475	-9.2	SND
10090	414529.1	3683479.2	-9.1	SND
10091	414525.5	3683483.3	-8.7	SND
10092	414521.8	3683487.5	-8.7	SND
10093	414518.2	3683491.5	-8.6	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10094	414514.8	3683495.2	-8.7	SND
10095	414511.1	3683499.2	-8.9	SND
10096	414507.2	3683503.2	-8.8	SND
10097	414503.3	3683507.2	-9	SND
10098	414499.5	3683511.1	-9.4	SND
10099	414495.6	3683514.9	-8.9	SND
10100	414491.6	3683518.8	-8.7	SND
10101	414487.6	3683522.7	-9	SND
10102	414483.7	3683526.4	-8.8	SND
10103	414479.6	3683530.1	-8.6	SND
10104	414475.9	3683533.6	-8.5	SND
10105	414472.2	3683537.3	-8.4	SND
10106	414468.7	3683540.9	-8.6	SND
10107	414464.4	3683545.7	-8.8	SND
10108	414459.4	3683551.2	-9.6	SND
10109	414454.1	3683557.2	-9.4	SND
10110	414450.7	3683560.9	-9.1	SND
10111	414445.7	3683566.5	-9.5	SND
10112	414442	3683570.7	-9.3	SND
10113	414438.4	3683574.9	-9.6	SND
10114	414434.9	3683579.4	-9.6	SND
10115	414431.3	3683584.2	-10.1	SND
10116	414428.5	3683588.4	-9.7	SND
10117	414425.4	3683593	-9.1	SND
10118	414422.3	3683597.8	-9.6	SND
10119	414419.5	3683602	-9.2	SND
10120	414415.7	3683607.5	-8.8	SND
10121	414412.5	3683612	-8.6	SND
10122	414409.2	3683616.7	-8.7	SND
10123	414406.4	3683620.9	-8.7	SND
10124	414403.6	3683625.1	-8.5	SND
10125	414399.8	3683630.7	-8.5	SND
10126	414396.7	3683635.4	-8.5	SND
10127	414393.7	3683639.9	-8.8	SND
10128	414390.8	3683644.7	-8.6	SND
10129	414387.5	3683650.7	-8.8	SND
10130	414383.9	3683657.9	-9	SND
10131	414381.4	3683662.8	-9.1	SND
10132	414379	3683667.2	-9.1	SND
10133	414376.7	3683671.7	-9.1	SND
10134	414374.4	3683676.2	-9	SND
10135	414371.5	3683681.8	-9	SND
10136	414369.1	3683686.8	-9	SND
10137	414366.7	3683691.8	-9.2	SND
10138	414364.5	3683696.6	-9.6	SND
10139	414361.7	3683702.7	-9.6	SND
10140	414359.2	3683708.6	-9.4	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10141	414357.3	3683713.7	-9.1	SND
10142	414355.5	3683718.9	-9	SND
10143	414353.7	3683724.1	-8.9	SND
10144	414352	3683728.8	-8.8	SND
10145	414349.9	3683734	-8.9	SND
10146	414347.9	3683739	-8.8	SND
10147	414345.9	3683743.6	-8.8	SND
10148	414343.7	3683748.7	-8.9	SND
10149	414341.1	3683753.5	-8.9	SND
10150	414338.3	3683758.3	-9	SND
10151	414335.2	3683762.8	-9	SND
10152	414332.1	3683767.2	-9.2	SND
10153	414328.8	3683771.6	-9	SND
10154	414325.6	3683776.1	-9	SND
10155	414322.5	3683780.4	-8.9	SND
10156	414319.5	3683784.8	-9	SND
10157	414316.4	3683789.4	-8.9	SND
10158	414313.7	3683793.6	-8.8	SND
10159	414310.7	3683798.3	-8.7	SND
10160	414308.2	3683802.7	-8.7	SND
10161	414305.7	3683807.7	-8.8	SND
10162	414303.5	3683812.7	-9	SND
10163	414301.7	3683817.8	-9.2	SND
10164	414299.9	3683823.1	-9.2	SND
10165	414298.3	3683828.5	-9.3	SND
10166	414296.7	3683834.3	-9.5	SND
10167	414295	3683840.4	-9.5	SND
10168	414293.5	3683845.6	-9.6	SND
10169	414291.9	3683850.9	-9.6	SND
10170	414289.5	3683858.6	-9.6	SND
10171	414287.8	3683864	-9.5	SND
10172	414285.8	3683870.3	-9.6	SND
10173	414284.1	3683875.4	-9.6	SND
10174	414282.4	3683880.1	-9.7	SND
10175	414280.4	3683885.4	-9.7	SND
10176	414278.4	3683890.4	-9.5	SND
10177	414276.3	3683895.5	-9.6	SND
10178	414274.3	3683900.6	-9.8	SND
10179	414272.3	3683905.8	-9.8	SND
10180	414270.3	3683910.8	-10.2	SND
10181	414268.3	3683915.9	-10.2	SND
10182	414266.2	3683921	-10	SND
10183	414264.1	3683926.2	-10	SND
10184	414262.2	3683931.2	-9.8	SND
10185	414260.4	3683936.3	-9.6	SND
10186	414258.7	3683941.6	-9.7	SND
10187	414257.3	3683947	-9.7	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10188	414256.1	3683952.2	-9.7	SND
10189	414254.9	3683957.6	-9.6	SND
10190	414253.8	3683962.5	-9.4	SND
10191	414252.6	3683967.6	-9.5	SND
10192	414251.5	3683972.5	-9.4	SND
10193	414250.2	3683977.9	-9.4	SND
10194	414249.2	3683982.8	-9.3	SND
10195	414248	3683988.3	-9.4	SND
10196	414246.9	3683993.6	-9.3	SND
10197	414245.8	3683998.9	-9.3	SND
10198	414244.8	3684003.8	-9.5	SND
10199	414243.8	3684009.2	-9.3	SND
10200	414243	3684014.7	-9.4	SND
10201	414242.4	3684020	-9.4	SND
10202	414242.1	3684025.5	-9.5	SND
10203	414241.7	3684031.7	-9.5	SND
10204	414241.3	3684037.1	-9.5	SND
10205	414241	3684042.5	-9.6	SND
10206	414240.7	3684048	-10	SND
10207	414240.6	3684053.6	-9.7	SND
10208	414240.6	3684058.7	-9.9	SND
10209	414240.6	3684063.8	-10.2	SND
10210	414240.7	3684069.2	-10.3	SND
10211	414240.6	3684081.5	-10	SND
10212	414240.5	3684087	-10	SND
10213	414240.5	3684092.5	-9.9	SND
10214	414240.6	3684098.1	-9.6	SND
10215	414240.7	3684103.5	-9.6	SND
10216	414240.9	3684112	-9.7	SND
10217	414241	3684117.6	-9.7	SND
10218	414241.1	3684122.6	-9.8	SND
10219	414241.2	3684127.6	-9.6	SND
10220	414241.3	3684133.2	-9.6	SND
10221	414241.2	3684138.6	-9.5	SND
10222	414241.2	3684144.1	-9.5	SND
10223	414241.1	3684149.6	-9.4	SND
10224	414241.1	3684154.9	-9.5	SND
10225	414241.1	3684160.3	-9.5	SND
10226	414241.3	3684166.4	-9.8	SND
10227	414241.5	3684171.4	-9.7	SND
10228	414241.8	3684176.9	-9.9	SND
10229	414242.2	3684182.3	-9.8	SND
10230	414242.8	3684187.8	-9.8	SND
10231	414243.4	3684193.2	-9.9	SND
10232	414244.2	3684198.7	-9.9	SND
10233	414244.8	3684204	-9.9	SND
10234	414245.5	3684209.4	-9.5	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10235	414246	3684214.8	-9.5	SND
10236	414246.6	3684220.4	-9.3	SND
10237	414247.2	3684225.7	-9.3	SND
10238	414248.2	3684234.2	-9.2	SND
10239	414248.7	3684239.7	-9.2	SND
10240	414249	3684245.1	-9.1	SND
10241	414249.3	3684250.5	-9.1	SND
10242	414249.6	3684255.8	-8.9	SND
10243	414250.1	3684261.3	-9	SND
10244	414250.8	3684266.9	-9	SND
10245	414251.9	3684272.2	-9	SND
10246	414253.2	3684277.5	-9.1	SND
10247	414254.8	3684282.7	-9.2	SND
10248	414256.5	3684288.5	-9.3	SND
10249	414258.2	3684293.7	-9.5	SND
10250	414260.1	3684298.9	-9.7	SND
10251	414262.2	3684304.2	-9.6	SND
10252	414264.4	3684309.1	-9.6	SND
10253	414266.4	3684313.7	-9.6	SND
10254	414268.5	3684318.7	-9.7	SND
10255	414270.5	3684323.8	-10	SND
10256	414272.7	3684329	-9.9	SND
10257	414274.7	3684334	-9.9	SND
10258	414276.6	3684339.1	-9.9	SND
10259	414278.2	3684344.1	-10.1	SND
10260	414279.8	3684349.4	-10.1	SND
10261	414281.2	3684354.8	-9.9	SND
10262	414282.4	3684360	-9.8	SND
10263	414283.4	3684365.4	-9.7	SND
10264	414284.2	3684370.7	-9.8	SND
10265	414284.9	3684376.2	-9.7	SND
10266	414285.4	3684381.5	-9.7	SND
10267	414285.8	3684386.9	-9.6	SND
10268	414286.3	3684392.3	-9.9	SND
10269	414286.7	3684397.7	-10	SND
10270	414287.7	3684403	-10	SND
10271	414288.8	3684408.3	-10	SND
10272	414290	3684413.6	-10	SND
10273	414291.5	3684418.9	-9.8	SND
10274	414293	3684424.1	-9.8	SND
10275	414294.8	3684429.2	-9.8	SND
10276	414296.7	3684434.3	-9.9	SND
10277	414298.8	3684439.1	-9.8	SND
10278	414301.1	3684444.3	-9.8	SND
10279	414303.6	3684449.9	-9.9	SND
10280	414306.1	3684454.8	-10.1	SND
10281	414308.7	3684459.8	-10.2	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10282	414311.5	3684464.3	-10.8	SND
10283	414314.5	3684468.9	-11.2	SND
10284	414317.6	3684473.4	-11.6	SND
10285	414320.8	3684477.9	-11.6	SND
10286	414323.8	3684482.3	-11.7	SND
10287	414326.9	3684486.8	-11.8	SND
10288	414329.9	3684491.4	-12	SND
10289	414333	3684496	-11.8	SND
10290	414335.9	3684500.5	-11.8	SND
10291	414338.7	3684505.1	-11.9	SND
10292	414341.5	3684509.7	-11.8	SND
10293	414344	3684514.6	-11.8	SND
10294	414346.3	3684519.4	-11.7	SND
10295	414348.3	3684524.1	-11.8	SND
10296	414350.2	3684529.2	-11.8	SND
10297	414351.9	3684534.3	-11.9	SND
10298	414353.4	3684539.5	-11.8	SND
10299	414354.7	3684544.5	-11.8	SND
10300	414355.7	3684549.7	-11.9	SND
10301	414356.6	3684554.9	-11.7	SND
10302	414357.3	3684560.2	-11.8	SND
10303	414357.9	3684565.4	-12	SND
10304	414358.3	3684570.7	-11.9	SND
10305	414358.8	3684576.1	-11.9	SND
10306	414359.2	3684581.6	-11.9	SND
10307	414359.6	3684587	-11.7	SND
10308	414360.1	3684592.3	-12	SND
10309	414360.6	3684597.7	-11.8	SND
10310	414361.1	3684603.2	-11.8	SND
10311	414361.6	3684608.5	-11.7	SND
10312	414362.3	3684613.8	-11.7	SND
10313	414363.1	3684619.2	-11.7	SND
10314	414364.1	3684624.1	-11.7	SND
10315	414365.4	3684629.5	-11.7	SND
10316	414366.8	3684634.9	-11.7	SND
10317	414369.4	3684643.5	-11.8	SND
10318	414371.3	3684649.3	-11.8	SND
10319	414373.2	3684655.1	-11.7	SND
10320	414375	3684660.4	-11.7	SND
10321	414376.8	3684665.4	-11.7	SND
10322	414378.6	3684670.6	-11.6	SND
10323	414380.4	3684675.8	-11.6	SND
10324	414382.6	3684682.1	-11.9	SND
10325	414385.9	3684691.2	-11.7	SND
10326	414388	3684697	-11.4	SND
10327	414389.8	3684702	-11.3	SND
10328	414391.8	3684706.9	-11.3	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10329	414393.8	3684712	-11.3	SND
10330	414396	3684717.8	-11.4	SND
10331	414397.9	3684722.8	-11.2	SND
10332	414399.9	3684727.9	-11.2	SND
10333	414401.8	3684733	-11.1	SND
10334	414403.8	3684738.2	-11	SND
10335	414405.5	3684743.2	-11	SND
10336	414407.2	3684748.3	-10.9	SND
10337	414408.7	3684753.5	-11	SND
10338	414410.1	3684758.9	-10.8	SND
10339	414411.3	3684764.1	-10.8	SND
10340	414412.2	3684769.3	-10.7	SND
10341	414413	3684774.6	-10.7	SND
10342	414413.4	3684780.1	-10.7	SND
10343	414413.7	3684785.3	-10.6	SND
10344	414413.6	3684790.6	-10.6	SND
10345	414413.2	3684795.7	-10.6	SND
10346	414412.5	3684801	-10.6	SND
10347	414411.4	3684806.3	-10.8	SND
10348	414410.2	3684811.3	-10.7	SND
10349	414408.6	3684816.3	-10.8	SND
10350	414407	3684821.3	-10.7	SND
10351	414405.1	3684826.4	-10.9	SND
10352	414403.3	3684831.2	-10.8	SND
10353	414401.3	3684836.2	-10.9	SND
10354	414399.5	3684841.2	-10.8	SND
10355	414397.7	3684846.4	-10.8	SND
10356	414396.2	3684851.5	-10.9	SND
10357	414394.7	3684856.6	-10.8	SND
10358	414393.4	3684861.9	-10.8	SND
10359	414392.2	3684867.4	-10.8	SND
10360	414391.3	3684872.7	-10.8	SND
10361	414390.6	3684878.1	-10.9	SND
10362	414390	3684883.6	-10.7	SND
10363	414389.8	3684889	-10.8	SND
10364	414389.6	3684894.6	-10.8	SND
10365	414389.8	3684899.6	-10.9	SND
10366	414390.1	3684905	-10.9	SND
10367	414390.6	3684910.5	-10.8	SND
10368	414391.2	3684915.9	-10.7	SND
10369	414391.9	3684921.4	-10.7	SND
10370	414392.7	3684926.7	-10.7	SND
10371	414393.5	3684932.1	-10.7	SND
10372	414394.2	3684937.5	-10.5	SND
10373	414394.9	3684943	-10.3	SND
10374	414395.4	3684948.2	-10.3	SND
10375	414395.9	3684953.5	-10.2	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10376	414396.3	3684958.9	-10.1	SND
10377	414396.4	3684964.3	-10	SND
10378	414396.5	3684969.6	-9.9	SND
10379	414396.2	3684974.9	-9.8	SND
10380	414396	3684980	-9.7	SND
10381	414395.4	3684985.3	-9.6	SND
10382	414394.8	3684990.7	-9.6	SND
10383	414393.9	3684996	-9.5	SND
10384	414392.7	3685001.2	-9.3	SND
10385	414391.3	3685006.3	-9.2	SND
10386	414389.4	3685011.2	-9.2	SND
10387	414387.4	3685015.9	-9.4	SND
10388	414385	3685020.6	-9.1	SND
10389	414382.5	3685025.1	-9.1	SND
10390	414379.5	3685029.8	-9.1	SND
10391	414376.6	3685034	-9.1	SND
10392	414373.6	3685038.3	-9.2	SND
10393	414370.5	3685042.5	-9.2	SND
10394	414367.4	3685046.8	-9.3	SND
10395	414364.3	3685051	-9.4	SND
10396	414361.1	3685055.3	-9.3	SND
10397	414357.8	3685059.5	-9.3	SND
10398	414354.6	3685063.6	-9.4	SND
10399	414351.1	3685067.9	-9.4	SND
10400	414347.6	3685071.9	-9.4	SND
10401	414344.1	3685076.1	-9.4	SND
10402	414340.7	3685080.3	-9.5	SND
10403	414337.3	3685084.6	-9.8	SND
10404	414334	3685088.9	-9.7	SND
10405	414330	3685094.3	-10	SND
10406	414326.8	3685098.7	-9.9	SND
10407	414323.4	3685103.1	-9.9	SND
10408	414320.1	3685107.5	-10.1	SND
10409	414316.6	3685111.9	-10.1	SND
10410	414313.1	3685116.1	-10.1	SND
10411	414309.5	3685120.3	-10.1	SND
10412	414305.7	3685124.2	-10.1	SND
10413	414301.8	3685128.1	-9.9	SND
10414	414297.8	3685131.7	-10.1	SND
10415	414294	3685135.1	-10.1	SND
10416	414289.8	3685138.7	-10.2	SND
10417	414285.6	3685142.2	-10	SND
10418	414281.2	3685145.6	-10.2	SND
10419	414277	3685149	-10.2	SND
10420	414272.8	3685152.4	-10.3	SND
10421	414268.6	3685155.9	-10.3	SND
10422	414264.4	3685159.6	-10.4	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10423	414260.4	3685163.3	-10.4	SND
10424	414256.3	3685167	-10.4	SND
10425	414252.5	3685170.3	-10.7	SND
10426	414248.3	3685173.8	-10.8	SND
10427	414243.9	3685177.3	-10.7	SND
10428	414239.6	3685180.6	-10.6	SND
10429	414235.2	3685183.9	-10.8	SND
10430	414230.7	3685187.1	-10.6	SND
10431	414226.2	3685190.3	-10.7	SND
10432	414221.8	3685193.3	-10.8	SND
10433	414217.3	3685196.4	-10.7	SND
10434	414212.9	3685199.4	-10.8	SND
10435	414208.4	3685202.7	-10.7	SND
10436	414203.8	3685206.1	-10.9	SND
10437	414199.8	3685209.1	-10.9	SND
10438	414195.5	3685212.4	-10.9	SND
10439	414191.5	3685215.4	-10.8	SND
10440	414187.1	3685218.7	-10.8	SND
10441	414182.6	3685221.9	-10.9	SND
10442	414178.5	3685224.8	-10.8	SND
10443	414173.8	3685227.9	-10.9	SND
10444	414169.3	3685230.8	-10.8	SND
10445	414164.6	3685233.7	-10.9	SND
10446	414159.9	3685236.4	-10.8	SND
10447	414155.1	3685239.2	-10.8	SND
10448	414150.4	3685241.8	-10.6	SND
10449	414145.6	3685244.5	-10.6	SND
10450	414140.9	3685247.4	-10.6	SND
10451	414136.6	3685250.1	-10.7	SND
10452	414132.2	3685252.9	-10.7	SND
10453	414127.5	3685256.1	-10.6	SND
10454	414123.3	3685258.9	-10.5	SND
10455	414118.8	3685261.9	-10.4	SND
10456	414114.2	3685265.1	-10.1	SND
10457	414109.6	3685268.3	-10.1	SND
10458	414105	3685271.5	-10.2	SND
10459	414100.9	3685274.4	-9.9	SND
10460	414096.4	3685277.5	-9.7	SND
10461	414091.4	3685281.1	-9.4	SND
10462	414086.8	3685284.4	-9.2	SND
10463	414082.8	3685287.4	-9.1	SND
10464	414078.5	3685290.6	-9	SND
10465	414074.5	3685293.6	-9.1	SND
10466	414070.1	3685297	-8.9	SND
10467	414065.8	3685300.4	-8.9	SND
10468	414061.8	3685303.5	-8.7	SND
10469	414057.6	3685306.7	-8.7	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10470	414053.5	3685309.7	-8.4	SND
10471	414049.5	3685312.7	-8.3	SND
10472	414045.4	3685315.7	-8.2	SND
10473	414041.4	3685318.7	-8.1	SND
10474	414037.1	3685322.4	-8.2	SND
10475	414033.2	3685326.2	-7.9	SND
10476	414029.3	3685330.2	-7.3	SND
10477	414025.5	3685334.3	-7.3	SND
10478	414022	3685338.1	-7.8	SND
10479	414018.6	3685341.8	-7.9	SND
10480	414015.1	3685345.5	-7.8	SND
10481	414011.2	3685349.6	-7.8	SND
10482	414007.5	3685353.6	-7.8	SND
10483	414003.6	3685357.5	-7.7	SND
10484	413999.8	3685361.5	-7.4	SND
10485	413996	3685365.6	-7.6	SND
10486	413992.4	3685369.6	-7.8	SND
10487	413988.9	3685373.9	-7.7	SND
10488	413985.7	3685378.2	-7.7	SND
10489	413982.6	3685382.7	-7.9	SND
10490	413980	3685387	-7.8	SND
10491	413977.6	3685391.4	-7.6	SND
10492	413975.2	3685396.5	-7.9	SND
10493	413972.6	3685401.9	-7.9	SND
10494	413970.4	3685407	-7.7	SND
10495	413967.3	3685413.7	-7.9	SND
10496	413964.9	3685418.8	-8.1	SND
10497	413962.4	3685424.4	-8.4	SND
10498	413959.6	3685431.1	-8.5	SND
10499	413957.5	3685436.2	-8.6	SND
10500	413955.4	3685441.4	-8.6	SND
10501	413953.4	3685446.3	-8.9	SND
10502	413951.3	3685451.4	-9	SND
10503	413949.1	3685456.4	-8.9	SND
10504	413946.8	3685461.5	-8.6	SND
10505	413944.4	3685466.3	-8.7	SND
10506	413942	3685471	-9	SND
10507	413939.2	3685475.9	-9.2	SND
10508	413936.4	3685480.6	-9.1	SND
10509	413933.3	3685485.2	-9.1	SND
10510	413930.3	3685489.6	-9.2	SND
10511	413927.2	3685494	-9	SND
10512	413924	3685498.4	-8.9	SND
10513	413920.8	3685502.9	-9.2	SND
10514	413917.7	3685507.3	-9.1	SND
10515	413914.7	3685511.8	-9.1	SND
10516	413911.8	3685516.4	-9	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10517	413909.2	3685521.3	-9.2	SND
10518	413906.8	3685526.2	-9.3	SND
10519	413904.8	3685531.2	-9.3	SND
10520	413902.9	3685536.4	-9.3	SND
10521	413901.1	3685541.8	-9.3	SND
10522	413899.5	3685546.8	-9.1	SND
10523	413898.2	3685551.7	-9.2	SND
10524	413896.8	3685557	-9.5	SND
10525	413895.3	3685562.5	-9.6	SND
10526	413893.5	3685569.1	-9.7	SND
10527	413892	3685574.4	-9.8	SND
10528	413890.5	3685579.7	-9.9	SND
10529	413888.8	3685585	-9.9	SND
10530	413887.2	3685590.1	-9.9	SND
10531	413885.4	3685595.3	-10	SND
10532	413883.6	3685600.4	-9.9	SND
10533	413881.6	3685605.6	-9.9	SND
10534	413879.6	3685610.5	-9.7	SND
10535	413877.4	3685615.5	-9.9	SND
10536	413875	3685620.3	-10	SND
10537	413872.3	3685625.2	-10	SND
10538	413869.6	3685629.7	-9.9	SND
10539	413866.6	3685634.2	-9.8	SND
10540	413863.7	3685638.5	-9.6	SND
10541	413859.9	3685644	-9.5	SND
10542	413856.7	3685648.5	-9.4	SND
10543	413853.7	3685653	-9.2	SND
10544	413850.7	3685657.6	-9	SND
10545	413847.9	3685662.2	-9	SND
10546	413845	3685666.8	-9	SND
10547	413842.5	3685671.7	-8.9	SND
10548	413840	3685676.6	-9.1	SND
10549	413837.7	3685681.5	-9.2	SND
10550	413835.5	3685686.6	-9.2	SND
10551	413833.5	3685691.7	-9.2	SND
10552	413831.6	3685696.9	-9.1	SND
10553	413829.8	3685702	-9.2	SND
10554	413828.3	3685707.3	-9.3	SND
10555	413826.7	3685712.6	-9.3	SND
10556	413825.1	3685718	-9.3	SND
10557	413823.6	3685723	-9.4	SND
10558	413822.2	3685727.8	-9.3	SND
10559	413820.8	3685733.1	-9.4	SND
10560	413819.7	3685738	-9.3	SND
10561	413818.6	3685743.4	-9.2	SND
10562	413817.7	3685748.8	-9.3	SND
10563	413817	3685754.3	-9.5	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10564	413816.3	3685759.7	-9.7	SND
10565	413815.8	3685764.8	-9.6	SND
10566	413815.4	3685769.8	-9.6	SND
10567	413814.8	3685775.3	-9.5	SND
10568	413814.3	3685780.7	-9.3	SND
10569	413813.7	3685786.3	-9.5	SND
10570	413813.1	3685791.6	-9.5	SND
10571	413812.4	3685797	-9.6	SND
10572	413811.6	3685802.4	-9.6	SND
10573	413810.7	3685807.8	-9.4	SND
10574	413809.7	3685813.1	-9.4	SND
10575	413808.7	3685818	-9.3	SND
10576	413807.5	3685823	-9.4	SND
10577	413806.2	3685828.4	-9.4	SND
10578	413804.7	3685833.8	-9.3	SND
10579	413803.1	3685839.1	-9.1	SND
10580	413801.4	3685844.1	-9.2	SND
10581	413799.6	3685849.2	-9.2	SND
10582	413797.7	3685854.3	-9.1	SND
10583	413795.7	3685859.5	-9.1	SND
10584	413793.7	3685864.4	-9.2	SND
10585	413791.7	3685869.5	-9.3	SND
10586	413789.7	3685874.5	-9.1	SND
10587	413787.7	3685879.7	-9	SND
10588	413785.7	3685884.7	-9	SND
10589	413783.7	3685889.8	-9.1	SND
10590	413781.9	3685894.9	-9.2	SND
10591	413780	3685900.2	-9.2	SND
10592	413778.4	3685905.3	-9	SND
10593	413776.8	3685910.4	-9.2	SND
10594	413775.1	3685915.7	-9.1	SND
10595	413773.7	3685920.5	-9.1	SND
10596	413772.4	3685925.4	-9.1	SND
10597	413771.2	3685930.8	-9.2	SND
10598	413770.1	3685936.4	-9.1	SND
10599	413769.3	3685941.8	-9.1	SND
10600	413768.5	3685947.2	-9.1	SND
10601	413767.8	3685952.8	-9.1	SND
10602	413767	3685958.4	-9.2	SND
10603	413766.3	3685963.8	-9	SND
10604	413765.8	3685969.3	-8.8	SND
10605	413765.3	3685974.3	-9.1	SND
10606	413765	3685979.8	-9.2	SND
10607	413764.7	3685985.5	-9.2	SND
10608	413764.3	3685990.9	-8.9	SND
10609	413763.9	3685996.4	-9	SND
10610	413763.5	3686001.9	-9	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10611	413763.2	3686007.5	-9	SND
10612	413763	3686012.8	-9	SND
10613	413762.7	3686017.8	-8.8	SND
10614	413762.5	3686023.2	-8.9	SND
10615	413762.1	3686028.2	-9	SND
10616	413761.7	3686033.6	-9	SND
10617	413761.1	3686039.1	-8.9	SND
10618	413760.4	3686044.6	-9	SND
10619	413759.7	3686049.9	-9	SND
10620	413758.7	3686055.3	-8.9	SND
10621	413757.6	3686060.6	-9	SND
10622	413756.3	3686066	-9	SND
10623	413755.1	3686071.1	-9	SND
10624	413753.7	3686076.4	-9.1	SND
10625	413752.2	3686081.7	-8.9	SND
10626	413750.8	3686086.8	-8.7	SND
10627	413749.5	3686092	-8.6	SND
10628	413748.2	3686097.4	-9	SND
10629	413747	3686102.8	-9.1	SND
10630	413745.9	3686108	-9	SND
10631	413744.8	3686113.3	-8.9	SND
10632	413743.6	3686118.8	-9.1	SND
10633	413742.4	3686124.2	-8.8	SND
10634	413741.2	3686129.7	-8.8	SND
10635	413740.2	3686135	-9.1	SND
10636	413739.2	3686140.5	-9.3	SND
10637	413738.3	3686146	-9.2	SND
10638	413737.3	3686151.5	-9.6	SND
10639	413736.4	3686156.8	-9.4	SND
10640	413735.4	3686162.8	-9.5	SND
10641	413734.5	3686168.4	-9.4	SND
10642	413733.6	3686173.8	-9.5	SND
10643	413732.7	3686179.2	-9.6	SND
10644	413731.7	3686184.6	-9.6	SND
10645	413730.6	3686190.1	-9.7	SND
10646	413729.5	3686195.2	-9.6	SND
10647	413728.5	3686200.1	-9.6	SND
10648	413727.5	3686205	-9.6	SND
10649	413726.4	3686210.3	-9.4	SND
10650	413725.1	3686215.6	-9.4	SND
10651	413723.7	3686220.9	-9.3	SND
10652	413722.2	3686226.3	-9.2	SND
10653	413720.8	3686231.2	-9.4	SND
10654	413719.5	3686236.5	-9.3	SND
10655	413718.2	3686241.9	-9.5	SND
10656	413717.1	3686247.2	-9.2	SND
10657	413715.9	3686252.7	-9.4	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10658	413714.6	3686258.5	-9.3	SND
10659	413713.5	3686263.8	-9.3	SND
10660	413712.3	3686269.3	-9.2	SND
10661	413711.2	3686274.6	-9.2	SND
10662	413710.2	3686280	-9.2	SND
10663	413709.2	3686285.4	-9.2	SND
10664	413708.3	3686290.5	-8.9	SND
10665	413707.5	3686295.6	-9.1	SND
10666	413706.8	3686301.2	-9.2	SND
10667	413706.2	3686306.2	-8.8	SND
10668	413705.6	3686311.6	-8.9	SND
10669	413704.9	3686317.1	-9.1	SND
10670	413704.1	3686323.3	-9.1	SND
10671	413703.4	3686328.7	-9.1	SND
10672	413702.6	3686334.2	-9	SND
10673	413701.8	3686339.6	-9.2	SND
10674	413701	3686345.2	-9.3	SND
10675	413700.4	3686350.5	-9.5	SND
10676	413699.9	3686356	-9.5	SND
10677	413699.4	3686361.5	-9.5	SND
10678	413699	3686367	-9.6	SND
10679	413698.6	3686372	-9.3	SND
10680	413698.1	3686377.3	-9.3	SND
10681	413697.6	3686382.8	-9.3	SND
10682	413697.1	3686388.3	-9.4	SND
10683	413696.5	3686393.6	-9.4	SND
10684	413695.9	3686399.3	-9.6	SND
10685	413695.2	3686404.7	-9.6	SND
10686	413694.4	3686410.2	-9.6	SND
10687	413693.7	3686415.7	-9.4	SND
10688	413692.8	3686421.2	-9.6	SND
10689	413691.9	3686426.5	-9.6	SND
10690	413691	3686431.9	-9.7	SND
10691	413690.1	3686437.3	-9.6	SND
10692	413689.2	3686442.9	-9.6	SND
10693	413688.6	3686448.2	-9.6	SND
10694	413687.9	3686453.7	-9.5	SND
10695	413687.3	3686459.1	-9.5	SND
10696	413686.8	3686464.7	-9.3	SND
10697	413686.3	3686470.1	-9.5	SND
10698	413685.9	3686475.5	-9.5	SND
10699	413685.4	3686481	-9.4	SND
10700	413685.2	3686486.6	-9.5	SND
10701	413684.9	3686491.9	-9.4	SND
10702	413684.8	3686496.9	-9.4	SND
10703	413684.6	3686501.9	-9.3	SND
10704	413684.6	3686512.3	-8.9	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10705	413684.5	3686517.3	-9.1	SND
10706	413684.5	3686522.8	-9.2	SND
10707	413684.4	3686527.8	-9.1	SND
10708	413684.4	3686533.2	-9.7	SND
10709	413684.3	3686538.8	-9.1	SND
10710	413684.4	3686544.2	-8.8	SND
10711	413684.5	3686549.6	-9.1	SND
10712	413684.7	3686555.1	-9.3	SND
10713	413684.9	3686560.6	-9.2	SND
10714	413685	3686566	-9.5	SND
10715	413685.1	3686571.5	-9.3	SND
10716	413685.2	3686577	-9.3	SND
10717	413685.2	3686582.4	-9.2	SND
10718	413685.1	3686588.1	-9.3	SND
10719	413685	3686598.5	-9.2	SND
10720	413684.9	3686604.1	-9.2	SND
10721	413684.8	3686609.5	-9.2	SND
10722	413684.7	3686614.5	-9.3	SND
10723	413684.5	3686620.1	-9.1	SND
10724	413684.4	3686625.5	-9.3	SND
10725	413684.2	3686631	-9.4	SND
10726	413684	3686636.5	-9.2	SND
10727	413683.7	3686642.1	-9.1	SND
10728	413683.4	3686647.4	-9.2	SND
10729	413683.1	3686652.9	-9.2	SND
10730	413682.7	3686658.4	-9.2	SND
10731	413682.3	3686664	-9.3	SND
10732	413681.8	3686669.3	-9.2	SND
10733	413681.3	3686674.8	-9.2	SND
10734	413680.7	3686680.1	-9.3	SND
10735	413680.1	3686685.5	-9.3	SND
10736	413679.4	3686691.2	-9.2	SND
10737	413678.7	3686696.5	-9.2	SND
10738	413677.9	3686702	-9.2	SND
10739	413677.2	3686707	-9.1	SND
10740	413676.4	3686712.5	-9.2	SND
10741	413675.6	3686718	-9.1	SND
10742	413674.9	3686723.3	-9.1	SND
10743	413674.3	3686728.7	-9.1	SND
10744	413673.8	3686734.2	-9.3	SND
10745	413673.4	3686739.7	-9.1	SND
10746	413673.1	3686745.1	-9.1	SND
10747	413672.9	3686750.5	-9	SND
10748	413673	3686756	-9	SND
10749	413673.1	3686761	-9.1	SND
10750	413673.6	3686766.6	-9.2	SND
10751	413674	3686771.9	-9.2	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10752	413674.6	3686777.2	-8.9	SND
10753	413675.1	3686782.7	-9.2	SND
10754	413675.7	3686788.2	-9.3	SND
10755	413676.4	3686793.9	-9.3	SND
10756	413677.1	3686799.2	-9.3	SND
10757	413677.8	3686804.6	-9.3	SND
10758	413678.6	3686810	-9.4	SND
10759	413679.5	3686815.5	-9	SND
10760	413680.4	3686820.8	-8.7	SND
10761	413681.3	3686826.2	-9.4	SND
10762	413682.5	3686832.2	-9.5	SND
10763	413683.6	3686837.5	-9.5	SND
10764	413684.7	3686842.8	-9.5	SND
10765	413685.8	3686848.1	-9.4	SND
10766	413686.8	3686853.6	-9.3	SND
10767	413687.8	3686858.8	-9.3	SND
10768	413688.7	3686864.2	-8.9	SND
10769	413689.5	3686869.5	-9	SND
10770	413690.2	3686874.8	-9.3	SND
10771	413690.8	3686880.3	-9.5	SND
10772	413691.4	3686885.6	-9.6	SND
10773	413691.7	3686891.1	-9.4	SND
10774	413692	3686896.5	-9.5	SND
10775	413692.1	3686902	-9.4	SND
10776	413692.1	3686907.3	-9.6	SND
10777	413692	3686912.7	-9.8	SND
10778	413691.6	3686918	-9.7	SND
10779	413691.1	3686923.5	-9.6	SND
10780	413690.3	3686928.7	-9.6	SND
10781	413689.5	3686934	-9.6	SND
10782	413688.7	3686939.3	-9.6	SND
10783	413687.9	3686944.7	-9.8	SND
10784	413687.2	3686950	-9.6	SND
10785	413686.4	3686955.3	-9.6	SND
10786	413685.6	3686960.7	-9.6	SND
10787	413684.9	3686965.9	-9.6	SND
10788	413684.1	3686971.5	-9.5	SND
10789	413683.4	3686976.8	-9.5	SND
10790	413682.7	3686982.3	-9.4	SND
10791	413682.1	3686987.7	-9.4	SND
10792	413681.6	3686993.3	-9.5	SND
10793	413681.2	3686998.6	-9.5	SND
10794	413681.1	3687004	-9.5	SND
10795	413681.1	3687009.4	-9.4	SND
10796	413681.4	3687015	-9.3	SND
10797	413681.8	3687020.3	-9.1	SND
10798	413682.5	3687025.7	-9.3	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10799	413683.3	3687031	-9.4	SND
10800	413684.1	3687036.5	-9.4	SND
10801	413684.9	3687041.8	-9.4	SND
10802	413685.8	3687047.2	-9.4	SND
10803	413686.6	3687052.6	-9.4	SND
10804	413687.4	3687057.8	-9.4	SND
10805	413688.3	3687063.4	-9.5	SND
10806	413689.1	3687068.8	-9	SND
10807	413690	3687074.3	-9.1	SND
10808	413690.8	3687079.8	-9	SND
10809	413691.7	3687085.3	-9.2	SND
10810	413692.4	3687090.6	-9.4	SND
10811	413693.1	3687096.1	-9.6	SND
10812	413693.7	3687101.5	-9.7	SND
10813	413694.3	3687107.1	-9.6	SND
10814	413694.7	3687112.5	-9.8	SND
10815	413694.9	3687117.9	-9.8	SND
10816	413695.1	3687123.3	-9.9	SND
10817	413695.2	3687128.8	-9.8	SND
10818	413695.2	3687134.1	-9.8	SND
10819	413695.1	3687139.5	-9.9	SND
10820	413695	3687144.9	-9.6	SND
10821	413694.8	3687150.4	-9.3	SND
10822	413694.6	3687155.6	-9.4	SND
10823	413694.3	3687160.9	-9.8	SND
10824	413694.1	3687166.4	-10	SND
10825	413694	3687171.8	-9.6	SND
10826	413693.9	3687176.8	-9.6	SND
10827	413693.8	3687182.4	-9.5	SND
10828	413693.9	3687188.5	-10.1	SND
10829	413694	3687193.9	-10.1	SND
10830	413694.2	3687199.5	-9.7	SND
10831	413694.5	3687204.8	-9.5	SND
10832	413694.8	3687210.3	-9.6	SND
10833	413695.3	3687215.8	-9.9	SND
10834	413695.7	3687221.3	-9.8	SND
10835	413696.3	3687226.6	-9.6	SND
10836	413697	3687232	-9.7	SND
10837	413697.8	3687237.4	-9.8	SND
10838	413698.6	3687242.9	-9.9	SND
10839	413699.5	3687248.2	-9.8	SND
10840	413700.5	3687253.4	-10	SND
10841	413701.5	3687258.8	-9.9	SND
10842	413702.5	3687263.7	-9.9	SND
10843	413703.6	3687269.1	-9.8	SND
10844	413704.6	3687274.7	-9.9	SND
10845	413705.6	3687280	-10.3	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10846	413706.6	3687285.4	-10.1	SND
10847	413707.4	3687290.9	-9.9	SND
10848	413708.3	3687296.4	-9.9	SND
10849	413708.9	3687301.8	-9.7	SND
10850	413709.6	3687307.2	-10	SND
10851	413710.1	3687312.6	-10.2	SND
10852	413710.6	3687318.1	-10.3	SND
10853	413711.1	3687323.5	-10.2	SND
10854	413711.3	3687328.9	-9.8	SND
10855	413711.4	3687334.3	-9.9	SND
10856	413711.3	3687339.8	-10.1	SND
10857	413711.2	3687344.9	-10.2	SND
10858	413711	3687350.3	-10.2	SND
10859	413710.7	3687355.8	-10	SND
10860	413710.4	3687361.2	-10.2	SND
10861	413710.6	3687366.8	-10.3	SND
10862	413710.9	3687372.1	-10	SND
10863	413711	3687377.5	-10.1	SND
10864	413711.4	3687382.9	-10.2	SND
10865	413712.5	3687387.8	-10.2	SND
10866	413713.5	3687393.3	-10.1	SND
10867	413714.4	3687398.7	-10	SND
10868	413715.4	3687404.1	-10.1	SND
10869	413716.5	3687409.5	-10	SND
10870	413717.7	3687414.9	-10.4	SND
10871	413719	3687420.2	-10.5	SND
10872	413720.3	3687425.5	-10.5	SND
10873	413721.8	3687431.5	-10.5	SND
10874	413723.2	3687436.8	-10.4	SND
10875	413724.6	3687442	-10.2	SND
10876	413726	3687447.2	-10	SND
10877	413727.5	3687452.5	-10.4	SND
10878	413729	3687457.9	-10.4	SND
10879	413730.5	3687463.2	-10.5	SND
10880	413732	3687468.4	-10.6	SND
10881	413733.6	3687473.6	-10.5	SND
10882	413735.2	3687478.9	-10.1	SND
10883	413736.8	3687484	-10.2	SND
10884	413738.4	3687489.2	-10.2	SND
10885	413740.1	3687494.4	-10.4	SND
10886	413741.8	3687499.7	-10.8	SND
10887	413743.5	3687504.8	-10.6	SND
10888	413745.2	3687510	-10.6	SND
10889	413746.9	3687515.1	-10.7	SND
10890	413748.7	3687520.4	-10.6	SND
10891	413750.4	3687525.4	-10.4	SND
10892	413752.1	3687530.5	-10.4	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10893	413753.7	3687535.5	-10.4	SND
10894	413755.4	3687540.8	-10.6	SND
10895	413757.1	3687546.1	-10.9	SND
10896	413758.6	3687551.3	-11.1	SND
10897	413760.1	3687556.5	-11.2	SND
10898	413761.6	3687561.7	-11.3	SND
10899	413763.2	3687567	-11.3	SND
10900	413764.9	3687572	-11.3	SND
10901	413766.7	3687577.1	-11.5	SND
10902	413768.5	3687582.1	-11.6	SND
10903	413770.5	3687587.3	-11.6	SND
10904	413772.8	3687592.8	-11.9	SND
10905	413775	3687597.7	-12.2	SND
10906	413777.2	3687602.8	-12.4	SND
10907	413779.5	3687607.6	-11.9	SND
10908	413781.8	3687612.5	-12.3	SND
10909	413784.2	3687617.4	-12.7	SND
10910	413786.5	3687622.1	-12.6	SND
10911	413789	3687627.1	-12.8	SND
10912	413791.5	3687631.8	-13	SND
10913	413794.2	3687636.7	-12.9	SND
10914	413796.9	3687641.5	-12.8	SND
10915	413799.7	3687646.4	-12.8	SND
10916	413802.4	3687651.1	-12.6	SND
10917	413805.2	3687655.8	-12.5	SND
10918	413808.1	3687660.4	-12.7	SND
10919	413811	3687665	-12.9	SND
10920	413813.9	3687669.4	-12.8	SND
10921	413817	3687673.8	-12.6	SND
10922	413820.1	3687678.2	-12.9	SND
10923	413823.4	3687682.6	-12.9	SND
10924	413826.6	3687686.8	-12.9	SND
10925	413829.9	3687691.1	-12.7	SND
10926	413833.4	3687695.2	-12.7	SND
10927	413837.1	3687699.3	-12.8	SND
10928	413840.9	3687702.9	-12.7	SND
10929	413844.9	3687706.4	-12.7	SND
10930	413849.3	3687709.7	-12.5	SND
10931	413853.7	3687712.7	-12.4	SND
10932	413858.4	3687715.5	-12.2	SND
10933	413863.1	3687717.8	-12.1	SND
10934	413868	3687720.2	-12.1	SND
10935	413873	3687722.1	-11.9	SND
10936	413878.1	3687724.1	-11.7	SND
10937	413883.1	3687725.5	-11.6	SND
10938	413888.2	3687726.9	-11.5	SND
10939	413893.4	3687728.1	-11.6	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10940	413898.7	3687729	-11.7	SND
10941	413903.9	3687729.8	-11.6	SND
10942	413909.2	3687730.2	-11.6	SND
10943	413914.5	3687730.6	-11.6	SND
10944	413920	3687730.9	-11.8	SND
10945	413927.6	3687731.3	-12.3	SND
10946	413932.9	3687731.6	-12.3	SND
10947	413938.3	3687731.9	-11.7	SND
10948	413943.7	3687732.2	-11.8	SND
10949	413949.1	3687732.6	-12.1	SND
10950	413954.3	3687733.1	-12	SND
10951	413959.5	3687733.6	-12.3	SND
10952	413964.8	3687734.2	-12.3	SND
10953	413970.1	3687734.9	-12.2	SND
10954	413975.1	3687736	-12.2	SND
10955	413980.3	3687737.2	-12.1	SND
10956	413985.3	3687738.6	-12.1	SND
10957	413990.3	3687740.2	-12.2	SND
10958	413995.1	3687742	-12.2	SND
10959	413999.9	3687743.9	-12.1	SND
10960	414004.6	3687746	-12	SND
10961	414009.4	3687748.2	-11.8	SND
10962	414013.9	3687750.4	-11.6	SND
10963	414018.4	3687752.7	-11.4	SND
10964	414023.1	3687755.2	-11.3	SND
10965	414027.8	3687757.7	-11.3	SND
10966	414032.5	3687760.3	-11.3	SND
10967	414037	3687762.8	-11.4	SND
10968	414041.5	3687765.3	-11.4	SND
10969	414046.1	3687767.8	-11.4	SND
10970	414051	3687770.3	-11.3	SND
10971	414055.7	3687772.5	-11.3	SND
10972	414060.6	3687774.5	-11.3	SND
10973	414065.6	3687776.4	-11.2	SND
10974	414070.8	3687778.3	-11.4	SND
10975	414075.8	3687779.9	-11.3	SND
10976	414081	3687781.4	-11.3	SND
10977	414086.3	3687782.9	-11.4	SND
10978	414091.6	3687784.4	-11.1	SND
10979	414096.8	3687785.8	-10.7	SND
10980	414102	3687787.2	-10.3	SND
10981	414107.1	3687788.6	-10.6	SND
10982	414112.4	3687790	-10.6	SND
10983	414117.8	3687791.4	-10.5	SND
10984	414123	3687792.8	-10.5	SND
10985	414128.2	3687794.2	-10.4	SND
10986	414133.4	3687795.7	-10.3	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
10987	414138.7	3687797.2	-10.2	SND
10988	414143.8	3687798.6	-10.1	SND
10989	414148.9	3687800.3	-10	SND
10990	414154.1	3687802	-9.8	SND
10991	414159.2	3687803.9	-9.8	SND
10992	414164	3687805.8	-9.6	SND
10993	414168.8	3687807.9	-9.6	SND
10994	414173.5	3687810.3	-9.6	SND
10995	414178.1	3687813	-9.7	SND
10996	414182.4	3687815.7	-9.6	SND
10997	414186.7	3687818.6	-9.6	SND
10998	414190.9	3687821.5	-9.7	SND
10999	414195.2	3687824.4	-9.6	SND
11000	414199.7	3687827.6	-9.7	SND
11001	414203.9	3687830.6	-9.7	SND
11002	414208.4	3687833.8	-9.7	SND
11003	414212.8	3687836.9	-9.7	SND
11004	414217.4	3687840.1	-9.6	SND
11005	414221.8	3687843	-9.7	SND
11006	414226.3	3687845.9	-9.6	SND
11007	414230.8	3687848.8	-9.6	SND
11008	414235.4	3687851.8	-9.7	SND
11009	414239.9	3687854.7	-9.6	SND
11010	414244.4	3687857.5	-9.4	SND
11011	414249.1	3687860.4	-9.3	SND
11012	414253.8	3687863.3	-9.3	SND
11013	414258.3	3687866	-9.4	SND
11014	414262.9	3687868.8	-9.3	SND
11015	414267.5	3687871.6	-9.2	SND
11016	414271.7	3687874.3	-9	SND
11017	414276	3687877	-9.2	SND
11018	414280.6	3687880	-9.3	SND
11019	414285	3687883.1	-9.2	SND
11020	414289.3	3687886.2	-9.1	SND
11021	414293.6	3687889.4	-9.2	SND
11022	414298	3687892.6	-9	SND
11023	414302.2	3687895.6	-9.1	SND
11024	414306.5	3687898.7	-9.1	SND
11025	414310.8	3687901.9	-8.8	SND
11026	414315.1	3687905.2	-8.9	SND
11027	414319.2	3687908.4	-8.8	SND
11028	414323.2	3687912	-8.7	SND
11029	414327.1	3687915.5	-8.8	SND
11030	414330.9	3687919.3	-9	SND
11031	414334.5	3687923	-9	SND
11032	414338.1	3687926.7	-9	SND
11033	414341.7	3687930.3	-8.6	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11034	414345.5	3687934.1	-8.9	SND
11035	414349.5	3687937.9	-9.3	SND
11036	414353.3	3687941.4	-9.2	SND
11037	414357.3	3687945.1	-8.9	SND
11038	414361.2	3687948.7	-9	SND
11039	414365.2	3687952.5	-9.3	SND
11040	414369.1	3687956.1	-9.5	SND
11041	414373	3687959.8	-9.5	SND
11042	414376.9	3687963.5	-9.3	SND
11043	414380.8	3687967.3	-9.3	SND
11044	414384.6	3687971	-9.4	SND
11045	414388.5	3687974.6	-9.5	SND
11046	414392.4	3687978.3	-9.4	SND
11047	414396.3	3687982.1	-9.4	SND
11048	414400.1	3687985.8	-9.6	SND
11049	414403.9	3687989.5	-9.7	SND
11050	414407.7	3687993.3	-9.7	SND
11051	414411.3	3687997.1	-9.7	SND
11052	414415.2	3688001	-9.6	SND
11053	414418.9	3688004.9	-9.9	SND
11054	414422.6	3688008.8	-9.9	SND
11055	414426.4	3688012.7	-10	SND
11056	414430.1	3688016.6	-9.9	SND
11057	414433.8	3688020.4	-10	SND
11058	414437.4	3688024.4	-10.1	SND
11059	414441	3688028.3	-10.1	SND
11060	414444.7	3688032.4	-9.9	SND
11061	414448.1	3688036.3	-9.9	SND
11062	414451.7	3688040.4	-10	SND
11063	414455.1	3688044.5	-9.8	SND
11064	414458.7	3688048.7	-10	SND
11065	414461.9	3688052.9	-10.3	SND
11066	414465.2	3688057	-10.4	SND
11067	414468.4	3688061.4	-10.3	SND
11068	414471.4	3688065.5	-10	SND
11069	414474.6	3688070.1	-10.2	SND
11070	414477.6	3688074.4	-10.3	SND
11071	414480.6	3688078.9	-10.5	SND
11072	414483.6	3688083.3	-10.2	SND
11073	414486.6	3688087.8	-10.2	SND
11074	414489.6	3688092.1	-10.3	SND
11075	414492.6	3688096.5	-10.2	SND
11076	414495.7	3688100.8	-10.1	SND
11077	414498.9	3688105.2	-10.2	SND
11078	414502	3688109.4	-9.9	SND
11079	414505.3	3688113.7	-9.8	SND
11080	414508.5	3688118	-10	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11081	414511.9	3688122.2	-10.4	SND
11082	414515.3	3688126.3	-10.6	SND
11083	414518.8	3688130.4	-10.6	SND
11084	414522.4	3688134.4	-10.7	SND
11085	414526.1	3688138.5	-10.8	SND
11086	414529.8	3688142.2	-10.5	SND
11087	414533.6	3688145.9	-10.5	SND
11088	414537.7	3688149.6	-10.6	SND
11089	414541.8	3688153.2	-10.5	SND
11090	414546.2	3688156.8	-10.4	SND
11091	414550.4	3688160.2	-9.8	SND
11092	414554.8	3688163.7	-10.2	SND
11093	414559	3688167.1	-10	SND
11094	414563.3	3688170.6	-9.9	SND
11095	414567.4	3688173.9	-9.7	SND
11096	414571.6	3688177.4	-9.6	SND
11097	414575.7	3688180.9	-9.8	SND
11098	414579.9	3688184.5	-9.7	SND
11099	414583.9	3688188	-9.8	SND
11100	414587.9	3688191.6	-10.2	SND
11101	414592	3688195.2	-10.3	SND
11102	414596	3688198.8	-10	SND
11103	414599.9	3688202.3	-10	SND
11104	414603.7	3688205.9	-9.9	SND
11105	414607.5	3688209.6	-9.7	SND
11106	414611.4	3688213.4	-9.5	SND
11107	414615.3	3688217.4	-9.9	SND
11108	414619	3688221.2	-10.1	SND
11109	414622.5	3688225.1	-10.2	SND
11110	414626.1	3688229.1	-9.9	SND
11111	414629.9	3688233.1	-9.4	SND
11112	414633.5	3688236.9	-9.4	SND
11113	414637.3	3688240.7	-9.6	SND
11114	414641.1	3688244.4	-9.5	SND
11115	414645.1	3688248.1	-9.9	SND
11116	414649	3688251.6	-10.2	SND
11117	414653.1	3688255.2	-10.3	SND
11118	414657.2	3688258.7	-10.3	SND
11119	414661.4	3688262.3	-10.3	SND
11120	414665.6	3688265.7	-10.3	SND
11121	414669.7	3688269.1	-10.3	SND
11122	414673.9	3688272.5	-10.4	SND
11123	414678.2	3688275.9	-10.4	SND
11124	414682.6	3688279.5	-10.1	SND
11125	414686.8	3688282.7	-9.8	SND
11126	414691.1	3688286	-9.9	SND
11127	414695.5	3688289.3	-10	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11128	414699.9	3688292.7	-9.4	SND
11129	414704.2	3688295.9	-9.4	SND
11130	414708.5	3688299.1	-9.8	SND
11131	414712.9	3688302.2	-10.1	SND
11132	414717.4	3688305.4	-9.8	SND
11133	414721.8	3688308.5	-9.2	SND
11134	414726.3	3688311.5	-9.6	SND
11135	414730.7	3688314.5	-10.1	SND
11136	414735.4	3688317.6	-10.1	SND
11137	414739.8	3688320.5	-10.1	SND
11138	414744.4	3688323.4	-9.9	SND
11139	414748.9	3688326.4	-9.7	SND
11140	414753.3	3688329.3	-9.8	SND
11141	414758	3688332.4	-9.8	SND
11142	414762.4	3688335.4	-9.2	SND
11143	414767	3688338.5	-9.3	SND
11144	414771.4	3688341.5	-9.4	SND
11145	414775.9	3688344.7	-9.6	SND
11146	414780.1	3688347.8	-9.9	SND
11147	414784.5	3688351	-10	SND
11148	414788.8	3688354.3	-10	SND
11149	414793.1	3688357.6	-9.9	SND
11150	414797.2	3688360.9	-9.6	SND
11151	414801.3	3688364.2	-9	SND
11152	414805.5	3688367.6	-9.2	SND
11153	414809.6	3688371	-9.8	SND
11154	414813.7	3688374.3	-9.9	SND
11155	414817.8	3688377.6	-9.9	SND
11156	414822	3688381	-9.8	SND
11157	414826	3688384.2	-9.6	SND
11158	414830.4	3688387.6	-9.4	SND
11159	414834.6	3688390.8	-9.5	SND
11160	414839	3688394	-9.8	SND
11161	414843.4	3688397.2	-10	SND
11162	414847.9	3688400.3	-9.9	SND
11163	414852.2	3688403.2	-10	SND
11164	414856.7	3688406.2	-9.9	SND
11165	414861.2	3688409.1	-9.7	SND
11166	414865.8	3688412	-9.9	SND
11167	414870.3	3688414.9	-9.8	SND
11168	414874.9	3688417.7	-9.5	SND
11169	414879.4	3688420.5	-9.4	SND
11170	414884.1	3688423.3	-9.1	SND
11171	414888.6	3688425.9	-9	SND
11172	414893.3	3688428.5	-8.9	SND
11173	414898	3688431	-9.2	SND
11174	414902.8	3688433.5	-9.3	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11175	414907.5	3688435.9	-9.3	SND
11176	414912.2	3688438.2	-9.8	SND
11177	414917.1	3688440.5	-9.5	SND
11178	414922.1	3688442.8	-9.3	SND
11179	414927.2	3688445	-9.3	SND
11180	414931.8	3688447	-9.6	SND
11181	414936.7	3688449.1	-9.7	SND
11182	414941.6	3688451.2	-9.5	SND
11183	414946.5	3688453.3	-9	SND
11184	414951.6	3688455.4	-9.4	SND
11185	414956.4	3688457.6	-9.5	SND
11186	414961.2	3688459.8	-9.6	SND
11187	414966.1	3688462	-9.6	SND
11188	414970.9	3688464.4	-9.6	SND
11189	414975.6	3688466.8	-9.6	SND
11190	414980.2	3688469.4	-9.6	SND
11191	414984.7	3688472.1	-9.5	SND
11192	414989.1	3688475.1	-9.4	SND
11193	414993.2	3688478	-9.1	SND
11194	414997.2	3688481.3	-8.6	SND
11195	415001.2	3688484.8	-9	SND
11196	415005	3688488.4	-8.8	SND
11197	415008.8	3688492.2	-9	SND
11198	415012.3	3688495.9	-8.8	SND
11199	415015.7	3688499.8	-8.8	SND
11200	415019.1	3688503.8	-9.2	SND
11201	415022.3	3688507.9	-9.3	SND
11202	415025.5	3688512	-9.2	SND
11203	415028.5	3688516.3	-9.2	SND
11204	415031.4	3688520.5	-8.8	SND
11205	415034.1	3688524.9	-9.2	SND
11206	415036.9	3688529.3	-9.4	SND
11207	415039.7	3688533.8	-9.6	SND
11208	415042.5	3688538.1	-9.4	SND
11209	415045.3	3688542.5	-9.2	SND
11210	415048.2	3688547.1	-9.1	SND
11211	415051.3	3688551.8	-9.1	SND
11212	415054.1	3688556.2	-8.7	SND
11213	415057	3688560.7	-9.2	SND
11214	415059.8	3688565.2	-8.8	SND
11215	415062.7	3688569.8	-8.7	SND
11216	415065.4	3688574.2	-9	SND
11217	415068.2	3688578.8	-9	SND
11218	415070.9	3688583.3	-9.1	SND
11219	415073.6	3688588	-8.9	SND
11220	415076.3	3688592.4	-9.1	SND
11221	415079	3688597	-9	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11222	415082	3688601.4	-8.9	SND
11223	415085.1	3688605.8	-9.1	SND
11224	415088.4	3688609.9	-9.1	SND
11225	415091.8	3688614.1	-9.4	SND
11226	415095.3	3688618.1	-9.2	SND
11227	415098.8	3688622	-9.2	SND
11228	415102.6	3688626.2	-9.2	SND
11229	415106.2	3688630.2	-9.6	SND
11230	415109.9	3688634.3	-9.6	SND
11231	415113.4	3688638.4	-9.7	SND
11232	415116.9	3688642.6	-9.7	SND
11233	415120.2	3688646.8	-9.6	SND
11234	415123.3	3688651.1	-9.3	SND
11235	415126.3	3688655.5	-9.3	SND
11236	415128.9	3688660.3	-9.3	SND
11237	415131.3	3688664.8	-9.5	SND
11238	415133.2	3688669.7	-9.4	SND
11239	415134.9	3688674.6	-9.7	SND
11240	415136.3	3688679.7	-9.9	SND
11241	415137.4	3688684.6	-9.9	SND
11242	415138.4	3688689.7	-9.9	SND
11243	415123.9	3688691.5	-9.4	SND
11244	415124.2	3688697	-9.7	SND
11245	415124	3688702.3	-9.6	SND
11246	415123.4	3688707.7	-9.4	SND
11247	415122.2	3688712.9	-9.3	SND
11248	415121	3688718.2	-9.3	SND
11249	415119.8	3688723.3	-9.4	SND
11250	415118.8	3688728.2	-9.2	SND
11251	415118	3688733.7	-8.9	SND
11252	415117.3	3688739.2	-9.1	SND
11253	415116.8	3688744.3	-9	SND
11254	415116.5	3688749.4	-8.9	SND
11255	415116.3	3688754.6	-8.9	SND
11256	415116.4	3688759.8	-8.7	SND
11257	415116.7	3688765.5	-8.3	SND
11258	415117	3688770.7	-8.4	SND
11259	415117.6	3688775.7	-8.5	SND
11260	415118.1	3688780.9	-7.9	SND
11261	415118.7	3688786.2	-8.3	SND
11262	415119.1	3688791.4	-8.2	SND
11263	415119.6	3688796.5	-8.2	SND
11264	415120.1	3688801.7	-8	SND
11265	415120.6	3688806.9	-8	SND
11266	415121.3	3688812	-7.9	SND
11267	415122.2	3688817.1	-7.9	SND
11268	415123.3	3688822.1	-8	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11269	415124.5	3688827.2	-7.8	SND
11270	415125.8	3688832.2	-7.9	SND
11271	415127.1	3688837.3	-8.1	SND
11272	415128.2	3688842.4	-8.2	SND
11273	415129	3688847.5	-7.9	SND
11274	415129.7	3688853	-7.8	SND
11275	415130	3688858.7	-8.1	SND
11276	415130.1	3688864	-8.3	SND
11277	415130.1	3688874.2	-8.1	SND
11278	415130	3688879.2	-8.3	SND
11279	415130	3688884.4	-8.3	SND
11280	415130.1	3688889.4	-8.3	SND
11281	415130.2	3688894.7	-8.3	SND
11282	415130.4	3688899.7	-8.3	SND
11283	415130.3	3688905	-8.6	SND
11284	415130	3688910.1	-8.4	SND
11285	415129.4	3688915.2	-8.3	SND
11286	415128.3	3688920.1	-8.5	SND
11287	415127.1	3688925	-8.4	SND
11288	415125.6	3688929.8	-7.7	SND
11289	415123.8	3688935.1	-8.2	SND
11290	415122.1	3688940	-8	SND
11291	415120.4	3688945	-8	SND
11292	415118.8	3688949.8	-8	SND
11293	415117.3	3688954.7	-8	SND
11294	415116.1	3688959.7	-8.1	SND
11295	415114.9	3688964.8	-7.8	SND
11296	415113.7	3688969.9	-7.6	SND
11297	415112.3	3688975	-7.8	SND
11298	415110.9	3688979.9	-7.9	SND
11299	415109	3688984.9	-7.9	SND
11300	415107.1	3688989.5	-7.7	SND
11301	415105	3688994.3	-7.3	SND
11302	415102.8	3688998.9	-7.4	SND
11303	415100.6	3689003.7	-7.2	SND
11304	415098.5	3689008.4	-7.1	SND
11305	415096.7	3689013.1	-7.2	SND
11306	415094.9	3689018	-7.6	SND
11307	415093.3	3689023.1	-7.5	SND
11308	415091.7	3689028.1	-7.4	SND
11309	415090.1	3689033.2	-7.2	SND
11310	415088.5	3689038.2	-7.3	SND
11311	415086.9	3689043.3	-7.2	SND
11312	415085.1	3689048.4	-7.1	SND
11313	415083.2	3689053.3	-6.9	SND
11314	415081.2	3689058.3	-7	SND
11315	415079.1	3689063.3	-7.1	SND



TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11316	415077	3689067.9	-6.9	SND
11317	415074.7	3689072.7	-7	SND
11318	415072.4	3689077.6	-7	SND
11319	415070.1	3689082.3	-6.9	SND
11320	415067.6	3689087.2	-6.9	SND
11321	415065.4	3689091.8	-6.8	SND
11322	415063.1	3689096.7	-6.8	SND
11323	415060.8	3689101.6	-6.9	SND
11324	415058.5	3689106.5	-6.9	SND
11325	415056.2	3689111.4	-6.8	SND
11326	415053.7	3689116.2	-6.7	SND
11327	415051.2	3689121	-6.8	SND
11328	415048.6	3689125.8	-6.7	SND
11329	415045.9	3689130.5	-6.7	SND
11330	415043.1	3689135.1	-6.7	SND
11331	415040.3	3689139.3	-6.7	SND
11332	415037.3	3689143.6	-6.7	SND
11333	415034.1	3689148.1	-6.7	SND
11334	415031	3689152.4	-6.7	SND
11335	415027.5	3689157.2	-6.8	SND
11336	415024.4	3689161.5	-6.9	SND
11337	415021.2	3689165.9	-6.9	SND
11338	415018.1	3689170.2	-6.7	SND
11339	415014.9	3689174.8	-6.7	SND
11340	415011.9	3689179.2	-6.6	SND
11341	415008.7	3689183.8	-6.7	SND
11342	415005.7	3689188.2	-6.6	SND
11343	415002.5	3689192.6	-6.6	SND
11344	414999.4	3689196.9	-6.5	SND
11345	414996.4	3689200.9	-6.4	SND
11346	414993.3	3689205.3	-6.4	SND
11347	414990.2	3689209.8	-6.2	SND
11348	414987.4	3689214.4	-6.2	SND
11349	414984.5	3689219.1	-6.2	SND
11350	414981.8	3689223.8	-6	SND
11351	414979	3689228.5	-6	SND
11352	414976.5	3689232.8	-5.9	SND
11353	414974.2	3689237.6	-6	SND
11354	414972	3689242.1	-5.8	SND
11355	414969.7	3689247.2	-5.9	SND
11356	414967.4	3689252.1	-5.9	SND
11357	414965	3689257.2	-5.9	SND
11358	414962.7	3689262.1	-5.9	SND
11359	414960.4	3689267.1	-5.9	SND
11360	414958.1	3689272	-5.8	SND
11361	414955.7	3689276.9	-6.1	SND
11362	414953.4	3689281.7	-6.1	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11363	414951	3689286.7	-6.1	SND
11364	414948.6	3689291.4	-6	SND
11365	414946	3689296.3	-6	SND
11366	414943.2	3689301	-6.1	SND
11367	414940.2	3689305.6	-6.1	SND
11368	414937.2	3689310	-6	SND
11369	414933.9	3689314.1	-6	SND
11370	414930.4	3689318.2	-6	SND
11371	414926.7	3689322.2	-6	SND
11372	414923	3689326.1	-5.9	SND
11373	414919.4	3689330	-5.9	SND
11374	414915.7	3689333.9	-5.9	SND
11375	414912.1	3689338	-5.8	SND
11376	414908.5	3689342.1	-5.7	SND
11377	414904.9	3689346.2	-5.7	SND
11378	414901.6	3689350	-5.7	SND
11379	414898	3689354	-5.6	SND
11380	414893.9	3689358.4	-5.6	SND
11381	414890.1	3689362.4	-5.6	SND
11382	414886.6	3689366.1	-5.6	SND
11383	414882.9	3689369.9	-5.6	SND
11384	414879.1	3689373.9	-5.5	SND
11385	414875.5	3689377.7	-5.6	SND
11386	414872.1	3689381.4	-5.6	SND
11387	414868.7	3689385.1	-5.7	SND
11388	414865.3	3689388.9	-5.4	SND
11389	414861.8	3689392.9	-5.3	SND
11390	414857.9	3689397	-5.2	SND
11391	414854.3	3689400.9	-5.3	SND
11392	414850.9	3689404.6	-5.4	SND
11393	414847.7	3689408.5	-5.2	SND
11394	414844.4	3689412.8	-5.3	SND
11395	414841.5	3689416.9	-5.4	SND
11396	414838.5	3689421.2	-5.3	SND
11397	414835.4	3689425.7	-5.4	SND
11398	414832.2	3689430.3	-5.3	SND
11399	414829.1	3689434.8	-5.3	SND
11400	414826.1	3689438.9	-5.4	SND
11401	414823	3689443.1	-5.3	SND
11402	414820	3689447.3	-5.5	SND
11403	414816.8	3689451.8	-5.4	SND
11404	414813.9	3689456.1	-5.4	SND
11405	414811	3689460.7	-5.4	SND
11406	414808	3689465.4	-5.5	SND
11407	414805.2	3689470.1	-5.6	SND
11408	414802.2	3689474.8	-5.6	SND
11409	414799.3	3689479.4	-5.6	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11410	414796.1	3689484	-5.6	SND
11411	414792.9	3689488.3	-5.8	SND
11412	414789.5	3689492.7	-5.6	SND
11413	414786.2	3689496.9	-5.6	SND
11414	414782.7	3689501.2	-5.5	SND
11415	414779.3	3689505.4	-5.6	SND
11416	414775.8	3689509.6	-5.4	SND
11417	414772.3	3689513.6	-5.5	SND
11418	414768.7	3689517.5	-5.5	SND
11419	414765.3	3689521.2	-5.5	SND
11420	414761.7	3689525.3	-5.5	SND
11421	414758.1	3689529.5	-5.7	SND
11422	414754.7	3689533.6	-5.6	SND
11423	414751.2	3689537.9	-5.6	SND
11424	414748.1	3689542.3	-5.7	SND
11425	414745	3689546.9	-5.7	SND
11426	414742.1	3689551.6	-5.8	SND
11427	414739.4	3689556.4	-5.8	SND
11428	414736.8	3689561.2	-5.9	SND
11429	414734.4	3689565.6	-6	SND
11430	414731.9	3689570	-6.1	SND
11431	414729.2	3689574.8	-6.2	SND
11432	414726.3	3689579.5	-6.3	SND
11433	414723.5	3689583.9	-6.2	SND
11434	414720.7	3689588.1	-6.4	SND
11435	414717.7	3689592.8	-6.5	SND
11436	414714.8	3689597.4	-6.4	SND
11437	414711.8	3689602.1	-6.5	SND
11438	414708.9	3689606.6	-6.5	SND
11439	414706.2	3689610.8	-6.4	SND
11440	414703.5	3689615	-6.3	SND
11441	414700.5	3689619.5	-6.5	SND
11442	414697.6	3689623.6	-6.4	SND
11443	414694.6	3689627.6	-6.4	SND
11444	414691.3	3689631.9	-6.3	SND
11445	414687.7	3689636.1	-6.3	SND
11446	414684.3	3689640.2	-6.3	SND
11447	414680.6	3689644.5	-6.3	SND
11448	414677.2	3689648.5	-6.3	SND
11449	414673.6	3689652.8	-6.3	SND
11450	414670.4	3689656.9	-6.4	SND
11451	414667.4	3689660.9	-6.3	SND
11452	414664.3	3689664.9	-6.5	SND
11453	414661.2	3689668.9	-6.4	SND
11454	414657.8	3689673.2	-6.5	SND
11455	414654.4	3689677.6	-6.4	SND
11456	414651.2	3689681.9	-6.4	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11457	414648.1	3689685.8	-6.4	SND
11458	414645	3689689.8	-6.5	SND
11459	414641.6	3689694	-6.5	SND
11460	414638	3689698.2	-6.5	SND
11461	414634.6	3689702.3	-6.5	SND
11462	414631.3	3689706.1	-6.5	SND
11463	414627.7	3689710.2	-6.4	SND
11464	414624	3689714.3	-6.3	SND
11465	414620.5	3689718.4	-6.4	SND
11466	414617.1	3689722.4	-6.3	SND
11467	414613.9	3689726.3	-6.3	SND
11468	414610.8	3689730.4	-6.3	SND
11469	414607.6	3689734.9	-6.3	SND
11470	414604.5	3689739.5	-6.4	SND
11471	414601.5	3689744	-6.5	SND
11472	414598.7	3689748.2	-6.5	SND
11473	414596.1	3689752.6	-6.6	SND
11474	414593.2	3689757.2	-6.9	SND
11475	414590.7	3689761.8	-6.8	SND
11476	414588.3	3689766.3	-7	SND
11477	414585.9	3689770.7	-6.9	SND
11478	414583.5	3689775.1	-7	SND
11479	414581	3689779.5	-7	SND
11480	414578.4	3689783.9	-7	SND
11481	414575.7	3689788.6	-6.9	SND
11482	414573.1	3689792.9	-7.1	SND
11483	414570.5	3689797.4	-7	SND
11484	414567.9	3689801.8	-7	SND
11485	414565.4	3689806.2	-7.1	SND
11486	414562.8	3689810.6	-7.1	SND
11487	414560.2	3689814.9	-7.1	SND
11488	414557.3	3689819.6	-7.2	SND
11489	414554.6	3689823.8	-7.1	SND
11490	414551.8	3689828	-7.3	SND
11491	414548.7	3689832.5	-7.1	SND
11492	414545.6	3689836.5	-7.1	SND
11493	414542.4	3689840.5	-7.1	SND
11494	414538.9	3689844.6	-7.1	SND
11495	414535	3689848.7	-7.1	SND
11496	414531.3	3689852.5	-7.2	SND
11497	414527.1	3689856.3	-7.3	SND
11498	414523	3689859.7	-7.1	SND
11499	414518.6	3689863	-7	SND
11500	414514.4	3689866	-7	SND
11501	414509.8	3689869.2	-6.9	SND
11502	414505.7	3689872.1	-6.8	SND
11503	414501.3	3689875.3	-6.9	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11504	414496.9	3689878.6	-6.8	SND
11505	414492.7	3689882.1	-6.9	SND
11506	414488.5	3689885.8	-6.8	SND
11507	414484.5	3689889.5	-6.8	SND
11508	414480.9	3689893.9	-6.8	SND
11509	414477.5	3689898.3	-6.8	SND
11510	414473.9	3689902.7	-6.8	SND
11511	414470.2	3689906.6	-6.8	SND
11512	414466.7	3689910.2	-6.7	SND
11513	414464	3689914.6	-6.8	SND
11514	414461.6	3689919	-6.8	SND
11515	414458.8	3689923.2	-6.8	SND
11516	414456	3689927.5	-6.7	SND
11517	414453.2	3689932	-6.8	SND
11518	414450.4	3689936.8	-6.9	SND
11519	414447.8	3689941.1	-7	SND
11520	414445.1	3689945.5	-6.9	SND
11521	414442.2	3689950	-7.1	SND
11522	414438.2	3689956	-7	SND
11523	414435.3	3689960.1	-7.1	SND
11524	414432.1	3689964.4	-7	SND
11525	414428.8	3689968.8	-7	SND
11526	414425.3	3689972.8	-7	SND
11527	414421.5	3689976.7	-7	SND
11528	414417.6	3689980.3	-6.9	SND
11529	414413.6	3689983.9	-7	SND
11530	414409.6	3689987.3	-7	SND
11531	414405.4	3689990.7	-7	SND
11532	414401.3	3689993.9	-6.9	SND
11533	414397.1	3689997.2	-7	SND
11534	414392.9	3690000.7	-6.9	SND
11535	414388.7	3690004.2	-7	SND
11536	414384.9	3690007.5	-7	SND
11537	414380.9	3690011.1	-6.9	SND
11538	414376.8	3690014.9	-6.9	SND
11539	414373	3690018.8	-6.7	SND
11540	414369.1	3690022.9	-6.8	SND
11541	414365.5	3690027.1	-6.9	SND
11542	414361.9	3690031.4	-6.7	SND
11543	414358.5	3690035.7	-6.6	SND
11544	414355.4	3690039.7	-6.7	SND
11545	414352.3	3690043.8	-6.8	SND
11546	414349.1	3690048.2	-6.6	SND
11547	414346.2	3690052.3	-6.6	SND
11548	414343.3	3690056.5	-6.6	SND
11549	414340.3	3690061	-6.7	SND
11550	414337.6	3690065.2	-6.7	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11551	414334.9	3690069.5	-6.7	SND
11552	414332.1	3690073.8	-6.7	SND
11553	414329.2	3690078.4	-6.7	SND
11554	414326.7	3690082.7	-6.7	SND
11555	414324.1	3690087.1	-6.8	SND
11556	414321.5	3690091.4	-7	SND
11557	414319	3690095.8	-6.8	SND
11558	414316.4	3690100.3	-6.8	SND
11559	414313.9	3690104.7	-7	SND
11560	414311.2	3690109.5	-6.8	SND
11561	414308.8	3690113.9	-7.1	SND
11562	414306.3	3690118.3	-7.1	SND
11563	414303.6	3690123	-7.1	SND
11564	414301.1	3690127.4	-7.1	SND
11565	414298.5	3690131.8	-7.1	SND
11566	414295.9	3690136.3	-7.2	SND
11567	414293.3	3690140.6	-7.2	SND
11568	414290.7	3690144.9	-7.2	SND
11569	414288	3690149.2	-7.1	SND
11570	414285.1	3690153.9	-7.2	SND
11571	414282	3690158.5	-7.2	SND
11572	414279	3690163	-7	SND
11573	414276	3690167	-7.1	SND
11574	414273	3690171.1	-7.1	SND
11575	414269.7	3690175.3	-7.1	SND
11576	414266.1	3690179.6	-7.4	SND
11577	414262.6	3690183.6	-7.1	SND
11578	414258.9	3690187.7	-7.1	SND
11579	414255.3	3690191.7	-7.4	SND
11580	414251.6	3690195.9	-7.2	SND
11581	414248.1	3690199.9	-7.2	SND
11582	414244.6	3690204	-7.2	SND
11583	414241.4	3690207.9	-7.2	SND
11584	414238.4	3690211.9	-7.2	SND
11585	414235.4	3690215.9	-7.1	SND
11586	414232.5	3690220	-7.2	SND
11587	414229.7	3690224.3	-7	SND
11588	414226.7	3690228.9	-6.9	SND
11589	414223.8	3690233.7	-6.9	SND
11590	414221	3690238.4	-6.8	SND
11591	414218.3	3690243.3	-6.9	SND
11592	414215.7	3690248.1	-6.9	SND
11593	414213	3690253	-6.9	SND
11594	414210.6	3690257.8	-7	SND
11595	414208.2	3690262.9	-7	SND
11596	414206	3690267.8	-7	SND
11597	414203.8	3690272.9	-6.8	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11598	414201.8	3690277.7	-6.7	SND
11599	414199.9	3690282.8	-6.7	SND
11600	414198.2	3690287.6	-6.6	SND
11601	414196.4	3690292.8	-6.4	SND
11602	414194.8	3690298.1	-6.5	SND
11603	414193.2	3690303.2	-6.5	SND
11604	414191.5	3690308.5	-6.2	SND
11605	414189.9	3690313.6	-6.2	SND
11606	414188.1	3690318.9	-6.2	SND
11607	414186.2	3690323.9	-6.1	SND
11608	414184.1	3690328.9	-6	SND
11609	414181.8	3690333.7	-6	SND
11610	414179.4	3690338.5	-5.9	SND
11611	414176.9	3690343.2	-5.8	SND
11612	414174.3	3690348	-5.5	SND
11613	414171.8	3690352.6	-5.3	SND
11614	414169.2	3690357.1	-5.3	SND
11615	414166.5	3690361.3	-5.3	SND
11616	414163.4	3690365.6	-5.3	SND
11617	414160	3690369.9	-5.2	SND
11618	414156.4	3690373.7	-5.2	SND
11619	414152.6	3690377.5	-5.4	SND
11620	414148.8	3690381	-5.4	SND
11621	414144.7	3690384.5	-5.3	SND
11622	414140.8	3690387.8	-5	SND
11623	414136.7	3690391.2	-4.8	SND
11624	414132.8	3690394.7	-4.9	SND
11625	414128.8	3690398.3	-4.8	SND
11626	414124.9	3690401.9	-4.9	SND
11627	414121	3690405.8	-4.9	SND
11628	414117.1	3690409.5	-4.8	SND
11629	414112.9	3690413	-4.7	SND
11630	414108.9	3690416.3	-4.9	SND
11631	414104.6	3690419.5	-4.8	SND
11632	414100.6	3690422.5	-5	SND
11633	414096.3	3690425.6	-5.1	SND
11634	414092	3690429	-5	SND
11635	414088	3690432.3	-4.9	SND
11636	414084	3690436.2	-4.9	SND
11637	414080.2	3690440.1	-4.9	SND
11638	414076.8	3690443.8	-4.9	SND
11639	414073.3	3690447.6	-4.9	SND
11640	414069.7	3690451.6	-4.8	SND
11641	414066	3690455.8	-4.9	SND
11642	414062.4	3690459.9	-4.9	SND
11643	414058.7	3690464	-5.3	SND
11644	414054.9	3690467.9	-5.4	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11645	414051	3690471.8	-5.3	SND
11646	414047.2	3690475.6	-5.4	SND
11647	414043.4	3690479.2	-5.4	SND
11648	414039.6	3690482.6	-5.4	SND
11649	414035.5	3690486.1	-5.5	SND
11650	414031.2	3690489.6	-5.3	SND
11651	414027.1	3690493	-5.3	SND
11652	414022.7	3690496.4	-5.4	SND
11653	414018.5	3690499.5	-5.2	SND
11654	414014.1	3690502.8	-4.9	SND
11655	414009.8	3690505.8	-5	SND
11656	414005.2	3690508.9	-4.9	SND
11657	414000.8	3690511.8	-4.9	SND
11658	413996.2	3690514.8	-4.7	SND
11659	413991.7	3690517.7	-4.9	SND
11660	413987	3690520.6	-4.8	SND
11661	413982.5	3690523.4	-4.9	SND
11662	413977.8	3690526.3	-4.9	SND
11663	413972.4	3690529.6	-5	SND
11664	413968.1	3690532.2	-5.2	SND
11665	413963.4	3690535	-5.1	SND
11666	413958.7	3690537.9	-5	SND
11667	413954.1	3690540.7	-5	SND
11668	413949.3	3690543.5	-5.1	SND
11669	413944.7	3690546.2	-5.1	SND
11670	413939.9	3690549.1	-5.2	SND
11671	413935.3	3690551.9	-5.5	SND
11672	413931.1	3690554.6	-5.7	SND
11673	413926.9	3690557.3	-5.8	SND
11674	413922.4	3690560.3	-6	SND
11675	413917.6	3690563.4	-6	SND
11676	413913.1	3690566.3	-5.8	SND
11677	413908.9	3690569	-5.9	SND
11678	413904.6	3690571.7	-6.1	SND
11679	413900.1	3690574.4	-6	SND
11680	413894.8	3690577.6	-5.9	SND
11681	413890.1	3690580.4	-6	SND
11682	413885.3	3690583.1	-6.2	SND
11683	413880.6	3690585.7	-5.9	SND
11684	413875.7	3690588.5	-5.7	SND
11685	413871	3690591	-6	SND
11686	413866.2	3690593.7	-5.9	SND
11687	413861.4	3690596.2	-5.9	SND
11688	413856.5	3690598.8	-6.1	SND
11689	413851.7	3690601.3	-6.3	SND
11690	413846.8	3690603.8	-6.4	SND
11691	413842	3690606.3	-6.3	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11692	413837	3690608.8	-6.3	SND
11693	413832.3	3690611.2	-6.3	SND
11694	413827.6	3690613.5	-6.3	SND
11695	413823	3690615.8	-6.4	SND
11696	413818	3690618.1	-6.6	SND
11697	413813.5	3690620.3	-6.6	SND
11698	413808.9	3690622.5	-6.8	SND
11699	413804	3690624.7	-6.8	SND
11700	413798.9	3690627	-6.6	SND
11701	413794	3690629.2	-6.5	SND
11702	413788.9	3690631.5	-6.5	SND
11703	413784	3690633.7	-6.2	SND
11704	413778.9	3690635.9	-6.4	SND
11705	413773.9	3690638	-6.5	SND
11706	413768.8	3690640.1	-6.4	SND
11707	413763.8	3690642.2	-6.5	SND
11708	413758.6	3690644.3	-6.3	SND
11709	413753.7	3690646.3	-6.5	SND
11710	413748.5	3690648.3	-6.6	SND
11711	413743.6	3690650.3	-6.8	SND
11712	413738.9	3690652.1	-6.7	SND
11713	413734.2	3690653.8	-6.8	SND
11714	413729.4	3690655.6	-6.7	SND
11715	413724.3	3690657.4	-6.8	SND
11716	413719.5	3690659	-6.7	SND
11717	413714.7	3690660.6	-6.7	SND
11718	413709.9	3690662.2	-6.6	SND
11719	413704.7	3690663.8	-6.7	SND
11720	413699.9	3690665.3	-6.7	SND
11721	413694.7	3690666.9	-6.8	SND
11722	413689.9	3690668.3	-6.9	SND
11723	413685.1	3690669.8	-6.9	SND
11724	413679.9	3690671.3	-6.8	SND
11725	413674.5	3690672.9	-6.8	SND
11726	413669.4	3690674.4	-6.6	SND
11727	413664.3	3690675.9	-6.6	SND
11728	413659.3	3690677.4	-6.6	SND
11729	413654.1	3690679	-6.6	SND
11730	413649.2	3690680.4	-6.6	SND
11731	413644.3	3690681.9	-6.6	SND
11732	413639.1	3690683.5	-6.7	SND
11733	413634.3	3690684.9	-6.8	SND
11734	413629.4	3690686.5	-6.8	SND
11735	413624.2	3690688.2	-6.7	SND
11736	413619.5	3690689.9	-6.5	SND
11737	413614.7	3690691.6	-6.6	SND
11738	413609.6	3690693.7	-6.6	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11739	413604.4	3690695.9	-6.5	SND
11740	413599.4	3690698	-6.6	SND
11741	413594.8	3690700.1	-6.6	SND
11742	413590.1	3690702.2	-6.6	SND
11743	413585.2	3690704.6	-6.6	SND
11744	413580.4	3690706.9	-6.5	SND
11745	413575.8	3690709.2	-6.5	SND
11746	413570.9	3690711.7	-6.7	SND
11747	413566.4	3690714	-6.6	SND
11748	413561.8	3690716.4	-6.7	SND
11749	413557.1	3690718.9	-6.5	SND
11750	413552.7	3690721.3	-6.5	SND
11751	413548.3	3690723.9	-6.7	SND
11752	413543.7	3690726.6	-6.6	SND
11753	413538.8	3690729.5	-6.6	SND
11754	413534.2	3690732.3	-6.6	SND
11755	413529.9	3690734.9	-6.6	SND
11756	413525.6	3690737.6	-6.5	SND
11757	413521.1	3690740.6	-6.5	SND
11758	413516.9	3690743.3	-6.4	SND
11759	413512.6	3690746	-6.5	SND
11760	413508.1	3690749	-6.5	SND
11761	413503.7	3690751.9	-6.6	SND
11762	413499.4	3690754.6	-6.7	SND
11763	413494.8	3690757.5	-6.8	SND
11764	413490.1	3690760.6	-6.9	SND
11765	413485.7	3690763.5	-7	SND
11766	413481	3690766.6	-7	SND
11767	413476.6	3690769.6	-6.9	SND
11768	413472	3690772.8	-6.8	SND
11769	413467.7	3690776	-6.8	SND
11770	413463.7	3690779	-6.8	SND
11771	413459.7	3690782.1	-6.8	SND
11772	413455.5	3690785.4	-6.9	SND
11773	413451.1	3690788.9	-6.9	SND
11774	413446.8	3690792.2	-6.9	SND
11775	413442.8	3690795.2	-6.8	SND
11776	413438.8	3690798.2	-7	SND
11777	413434.7	3690801.1	-7	SND
11778	413430.5	3690804	-6.8	SND
11779	413426.3	3690806.8	-7	SND
11780	413422.1	3690809.6	-6.8	SND
11781	413417.5	3690812.4	-6.8	SND
11782	413413.2	3690815	-6.7	SND
11783	413408.5	3690817.6	-6.7	SND
11784	413403.7	3690820.2	-6.8	SND
11785	413399.2	3690822.5	-6.8	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11786	413394.5	3690824.9	-6.9	SND
11787	413389.5	3690827.3	-6.7	SND
11788	413384.7	3690829.7	-6.7	SND
11789	413379.7	3690832.1	-6.7	SND
11790	413374.9	3690834.5	-6.6	SND
11791	413369.9	3690837	-6.6	SND
11792	413365.2	3690839.5	-6.7	SND
11793	413360.2	3690842	-6.7	SND
11794	413355.6	3690844.4	-6.6	SND
11795	413351.2	3690846.8	-6.7	SND
11796	413346.2	3690849.5	-6.6	SND
11797	413341.5	3690852.1	-6.5	SND
11798	413337.1	3690854.6	-6.5	SND
11799	413332.6	3690857.3	-6.5	SND
11800	413327.8	3690860	-6.4	SND
11801	413322.9	3690862.9	-6.4	SND
11802	413318.3	3690865.5	-6.4	SND
11803	413313.9	3690868	-6.3	SND
11804	413309.6	3690870.6	-6.3	SND
11805	413304.9	3690873.3	-6.3	SND
11806	413300.1	3690876.2	-6.3	SND
11807	413295.5	3690879.1	-6.3	SND
11808	413290.9	3690882.2	-6.3	SND
11809	413286.4	3690885.3	-6.2	SND
11810	413282	3690888.4	-6.2	SND
11811	413277.9	3690891.3	-6.2	SND
11812	413273.4	3690894.5	-6.2	SND
11813	413269.4	3690897.5	-6.2	SND
11814	413265.3	3690900.5	-6.2	SND
11815	413260.9	3690903.7	-6.1	SND
11816	413256.5	3690907	-6.1	SND
11817	413252.1	3690910.2	-6.1	SND
11818	413247.8	3690913.5	-6.1	SND
11819	413243.8	3690916.5	-6.3	SND
11820	413239.8	3690919.5	-6	SND
11821	413235.6	3690922.7	-6	SND
11822	413231.2	3690926.1	-6	SND
11823	413227.1	3690929.4	-6	SND
11824	413222.7	3690932.9	-6	SND
11825	413218.5	3690936.2	-5.9	SND
11826	413214.4	3690939.4	-6	SND
11827	413210.4	3690942.6	-5.9	SND
11828	413206.3	3690946.1	-5.9	SND
11829	413202.4	3690949.3	-6.1	SND
11830	413198.7	3690952.7	-6	SND
11831	413194.8	3690956.4	-6.1	SND
11832	413190.8	3690960.3	-6	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11833	413187	3690964.1	-6.2	SND
11834	413183.1	3690968	-6.1	SND
11835	413179.4	3690972	-6.1	SND
11836	413175.6	3690976.1	-6.1	SND
11837	413172	3690980.1	-6	SND
11838	413168.4	3690984.2	-6.1	SND
11839	413164.9	3690988.3	-6.2	SND
11840	413161.4	3690992.6	-6.2	SND
11841	413158.1	3690996.8	-6.1	SND
11842	413154.8	3691001.2	-5.9	SND
11843	413151.8	3691005.5	-6.1	SND
11844	413149	3691009.7	-6.2	SND
11845	413146	3691014.5	-6.1	SND
11846	413143.4	3691019.1	-6.1	SND
11847	413141	3691023.5	-6.3	SND
11848	413138.8	3691028	-6.3	SND
11849	413136.6	3691032.8	-6.2	SND
11850	413134.6	3691037.4	-6.3	SND
11851	413132.5	3691042.4	-6.3	SND
11852	413130.4	3691047.4	-6.3	SND
11853	413128.4	3691052	-6.4	SND
11854	413126.3	3691056.9	-6.1	SND
11855	413124.1	3691061.9	-6.4	SND
11856	413122	3691066.8	-6.4	SND
11857	413119.8	3691071.9	-6.4	SND
11858	413117.8	3691076.8	-6.4	SND
11859	413115.8	3691081.7	-6.3	SND
11860	413113.7	3691086.7	-6.3	SND
11861	413111.7	3691091.8	-6.3	SND
11862	413109.9	3691096.5	-6.4	SND
11863	413108	3691101.5	-6.3	SND
11864	413106	3691106.6	-6.2	SND
11865	413104	3691111.5	-6.3	SND
11866	413102	3691116.7	-6.2	SND
11867	413100.2	3691121.7	-6.2	SND
11868	413098.4	3691126.9	-6.1	SND
11869	413097	3691132	-6.2	SND
11870	413095.6	3691137.4	-6.2	SND
11871	413094.5	3691142.6	-6.1	SND
11872	413093.5	3691148.1	-6.2	SND
11873	413092.5	3691153.4	-6.3	SND
11874	413091.6	3691158.9	-6.2	SND
11875	413090.8	3691164	-6	SND
11876	413090	3691169.5	-6	SND
11877	413089.2	3691174.5	-6	SND
11878	413088.5	3691179.8	-5.9	SND
11879	413087.9	3691184.8	-5.9	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11880	413087.4	3691189.8	-6.1	SND
11881	413086.9	3691195.2	-5.8	SND
11882	413086.4	3691200.7	-5.6	SND
11883	413086	3691206	-5.9	SND
11884	413085.6	3691211.4	-5.7	SND
11885	413085.5	3691216.7	-5.8	SND
11886	413085.5	3691222.2	-5.7	SND
11887	413085.6	3691227.5	-5.9	SND
11888	413086.2	3691232.9	-5.8	SND
11889	413086.9	3691238.1	-6	SND
11890	413088.1	3691243.5	-6	SND
11891	413089.4	3691248.4	-6	SND
11892	413091	3691253.6	-6.2	SND
11893	413092.7	3691258.3	-6.1	SND
11894	413094.6	3691263.3	-6.3	SND
11895	413096.7	3691268.3	-6.2	SND
11896	413098.9	3691273.1	-6.3	SND
11897	413101.2	3691278	-6.4	SND
11898	413103.6	3691282.7	-6.6	SND
11899	413106.1	3691287.5	-6.6	SND
11900	413108.6	3691292.1	-6.7	SND
11901	413111.3	3691296.9	-6.5	SND
11902	413113.9	3691301.5	-6.6	SND
11903	413116.6	3691306.2	-6.9	SND
11904	413119.2	3691310.8	-6.6	SND
11905	413121.8	3691315.6	-6.6	SND
11906	413124.1	3691320.3	-6.6	SND
11907	413126.1	3691325.1	-6.5	SND
11908	413128	3691330.1	-6.5	SND
11909	413129.7	3691335.2	-6.8	SND
11910	413131.3	3691340.2	-6.5	SND
11911	413132.8	3691345.3	-6.3	SND
11912	413134.3	3691350.3	-6.3	SND
11913	413135.7	3691355.3	-6.1	SND
11914	413137.2	3691360.4	-6.1	SND
11915	413138.6	3691365.5	-5.9	SND
11916	413140.1	3691370.6	-5.9	SND
11917	413141.7	3691375.6	-6.1	SND
11918	413143.4	3691380.7	-6.1	SND
11919	413145.1	3691385.7	-6	SND
11920	413147	3691390.7	-6.2	SND
11921	413148.9	3691395.7	-6.1	SND
11922	413150.9	3691400.7	-6.1	SND
11923	413152.8	3691405.5	-6	SND
11924	413154.9	3691410.7	-6.1	SND
11925	413156.9	3691415.6	-6.1	SND
11926	413159	3691420.7	-6.3	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11927	413161.1	3691425.5	-6.3	SND
11928	413163.2	3691430.5	-6.4	SND
11929	413165.2	3691435.4	-6.4	SND
11930	413167.4	3691440.4	-6.3	SND
11931	413169.6	3691445.2	-6.3	SND
11932	413172	3691450.1	-6.4	SND
11933	413174.3	3691454.8	-6.4	SND
11934	413176.6	3691459.8	-6.4	SND
11935	413178.8	3691464.5	-6.4	SND
11936	413181.1	3691469.5	-6.5	SND
11937	413183.2	3691474.3	-6.6	SND
11938	413185.5	3691479.3	-6.7	SND
11939	413187.8	3691483.9	-6.8	SND
11940	413190.3	3691488.7	-6.8	SND
11941	413192.6	3691493.2	-6.8	SND
11942	413195.1	3691497.8	-6.5	SND
11943	413197.9	3691502.6	-6.8	SND
11944	413200.7	3691507.1	-6.8	SND
11945	413203.8	3691511.7	-6.9	SND
11946	413206.8	3691516.2	-6.9	SND
11947	413210	3691520.6	-7	SND
11948	413213.2	3691524.9	-6.8	SND
11949	413216.6	3691529.3	-6.8	SND
11950	413219.8	3691533.6	-6.2	SND
11951	413223.2	3691538	-6.7	SND
11952	413226.3	3691542.4	-6.9	SND
11953	413229.5	3691546.9	-6.7	SND
11954	413232.5	3691551.2	-6.7	SND
11955	413235.7	3691555.4	-6.6	SND
11956	413238.7	3691559.4	-6.5	SND
11957	413241.9	3691563.8	-6.4	SND
11958	413245.1	3691568.3	-6.3	SND
11959	413248.3	3691572.8	-6.5	SND
11960	413251.2	3691576.9	-6.7	SND
11961	413254.4	3691581.3	-6.8	SND
11962	413257.6	3691585.6	-7	SND
11963	413261	3691589.8	-6.9	SND
11964	413264.3	3691594	-6.8	SND
11965	413267.8	3691598.2	-6.6	SND
11966	413271.2	3691602.3	-6.8	SND
11967	413274.4	3691606.2	-6.8	SND
11968	413277.8	3691610.3	-7.3	SND
11969	413281.3	3691614.7	-7	SND
11970	413284.5	3691618.9	-7.1	SND
11971	413287.7	3691623.1	-7.1	SND
11972	413290.7	3691627.2	-7	SND
11973	413293.8	3691631.6	-6.9	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
11974	413297.1	3691636.1	-7	SND
11975	413300.1	3691640.5	-6.9	SND
11976	413303.2	3691645.1	-6.8	SND
11977	413306.5	3691649.9	-7	SND
11978	413309.3	3691654.1	-6.5	SND
11979	413312.3	3691658.5	-6.7	SND
11980	413315.3	3691663.1	-6.4	SND
11981	413318.3	3691667.5	-6.3	SND
11982	413321.4	3691672.1	-6.1	SND
11983	413324.6	3691676.4	-6.3	SND
11984	413327.9	3691680.9	-6.1	SND
11985	413331.3	3691685.1	-6.2	SND
11986	413334.8	3691689.4	-6.1	SND
11987	413338.2	3691693.4	-6.1	SND
11988	413341.5	3691697.2	-6.2	SND
11989	413344.9	3691701	-6.2	SND
11990	413348.3	3691704.8	-6.3	SND
11991	413351.9	3691708.8	-6.4	SND
11992	413355.7	3691712.9	-6.4	SND
11993	413359.4	3691716.9	-6.3	SND
11994	413363.2	3691721	-6.1	SND
11995	413366.8	3691725	-6	SND
11996	413370.6	3691729.1	-5.9	SND
11997	413374.3	3691733	-5.8	SND
11998	413378.1	3691737.1	-5.9	SND
11999	413381.8	3691741.1	-5.8	SND
12000	413385.7	3691745.1	-5.8	SND
12001	413389.4	3691748.9	-5.9	SND
12002	413393	3691752.4	-6	SND
12003	413396.8	3691756.3	-5.8	SND
12004	413400.5	3691760.1	-5.9	SND
12005	413404	3691763.7	-5.8	SND
12006	413407.4	3691767.5	-5.8	SND
12007	413411	3691771.6	-5.8	SND
12008	413414.7	3691775.8	-5.7	SND
12009	413418.1	3691779.9	-5.8	SND
12010	413421.6	3691784.2	-5.8	SND
12011	413425	3691788.3	-5.8	SND
12012	413428.4	3691792.7	-5.7	SND
12013	413431.7	3691796.9	-5.7	SND
12014	413435	3691801.3	-5.6	SND
12015	413438.2	3691805.5	-5.9	SND
12016	413441.5	3691810	-5.7	SND
12017	413444.6	3691814.3	-5.8	SND
12018	413447.7	3691818.8	-5.9	SND
12019	413450.6	3691823	-5.8	SND
12020	413453.6	3691827.6	-5.6	SND



# TOPOGRAPHIC SURVEY TRANSECTS

FILE NAME: T-49.csv		CONTRACTOR PBS&J		
COORD REF: Louisiana State Plane		HORIZ DATUM: NAD83		
ZONE: South FIPS - 1702		VERT DATUM: NAVD88		
UNITS: US Feet		SURVEY DATE 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12021	413456.6	3691832.1	-5.7	SND
12022	413459.5	3691836.6	-5.8	SND
12023	413462.4	3691841.1	-5.8	SND
12024	413465.2	3691845.6	-5.6	SND
12025	413468	3691850.2	-5.7	SND
12026	413470.8	3691854.8	-5.5	SND
12027	413473.6	3691859.3	-5.4	SND
12028	413476.4	3691863.8	-5.4	SND
12029	413479.2	3691868.3	-5.4	SND
12030	413482	3691872.8	-5.5	SND
12031	413484.8	3691877.3	-5.5	SND
12032	413487.5	3691881.8	-5.6	SND
12033	413490.2	3691886.4	-5.5	SND
12034	413492.9	3691890.9	-5.5	SND
12035	413495.6	3691895.4	-5.7	SND
12036	413498.3	3691899.9	-5.4	SND
12037	413501.1	3691904.6	-5.4	SND
12038	413503.8	3691909.2	-5.4	SND
12039	413506.5	3691914	-5.4	SND
12040	413509	3691918.7	-5.4	SND
12041	413511.4	3691923.6	-5.3	SND
12042	413513.7	3691928.2	-5.4	SND
12043	413515.7	3691933.2	-5.4	SND
12044	413517.6	3691937.9	-5.3	SND
12045	413519.3	3691943	-5.4	SND
12046	413520.7	3691948	-5.3	SND
12047	413521.9	3691953.2	-5.4	SND
12048	413522.9	3691958.2	-5.6	SND
12049	413523.9	3691963.5	-5.8	SND
12050	413524.8	3691968.6	-5.5	SND
12051	413525.7	3691973.6	-5.4	SND
12052	413526.6	3691978.8	-5.5	SND
12053	413527.5	3691984.1	-5.5	SND
12054	413528.5	3691989.4	-5.4	SND
12055	413529.5	3691994.6	-5.4	SND
12056	413530.7	3691999.9	-5.7	SND
12057	413531.8	3692005.1	-5.7	SND
12058	413532.9	3692010.4	-5.8	SND
12059	413533.8	3692015.6	-5.8	SND
12060	413534.7	3692020.9	-5.8	SND
12061	413535.4	3692026.2	-5.8	SND
12062	413536	3692031.5	-5.9	SND
12063	413536.5	3692036.8	-6	SND
12064	413536.9	3692042.2	-6	SND
12065	413537.1	3692047.5	-6	SND
12066	413537.3	3692052.8	-6	SND
12067	413537.2	3692058	-6.3	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12068	413536.9	3692063.5	-6.2	SND
12069	413536.4	3692068.7	-6.2	SND
12070	413535.9	3692074.1	-6.2	SND
12071	413535.3	3692079.2	-6.1	SND
12072	413534.8	3692084.6	-6.3	SND
12073	413534.3	3692089.8	-6.3	SND
12074	413533.9	3692095.2	-6.5	SND
12075	413533.5	3692100.4	-6.4	SND
12076	413533	3692105.9	-6.7	SND
12077	413532.5	3692111.1	-6.9	SND
12078	413532	3692116.6	-7.1	SND
12079	413531.6	3692121.9	-6.9	SND
12080	413531.2	3692127.5	-6.9	SND
12081	413530.8	3692132.8	-6.9	SND
12082	413530.5	3692138.3	-7	SND
12083	413530.2	3692143.5	-6.9	SND
12084	413529.7	3692148.5	-7	SND
12085	413529.2	3692154.1	-7.1	SND
12086	413528.5	3692159.4	-7	SND
12087	413527.8	3692164.9	-6.8	SND
12088	413527.2	3692170.1	-6.8	SND
12089	413526.5	3692175.6	-6.7	SND
12090	413525.9	3692180.9	-6.6	SND
12091	413525.3	3692186.4	-6.6	SND
12092	413524.8	3692191.7	-6.5	SND
12093	413524.3	3692197.2	-6.4	SND
12094	413524.1	3692202.6	-6.4	SND
12095	413524	3692208.2	-6.5	SND
12096	413523.9	3692213.6	-6.4	SND
12097	413523.9	3692223.7	-6.7	SND
12098	413523.9	3692228.9	-6.7	SND
12099	413523.8	3692234	-6.6	SND
12100	413523.5	3692239	-6.8	SND
12101	413523	3692244.1	-6.9	SND
12102	413522.3	3692249.4	-6.9	SND
12103	413521.3	3692254.8	-7	SND
12104	413520.2	3692259.9	-7.1	SND
12105	413519	3692265.3	-7.1	SND
12106	413517.8	3692270.3	-6.9	SND
12107	413516.6	3692275.6	-6.7	SND
12108	413515.4	3692280.8	-6.7	SND
12109	413514.2	3692286.2	-6.7	SND
12110	413513.1	3692291.4	-6.5	SND
12111	413512.1	3692296.9	-6.5	SND
12112	413511.2	3692302.1	-6.5	SND
12113	413510.2	3692307.6	-6.3	SND
12114	413509.3	3692312.7	-6.5	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12115	413508.4	3692318.1	-6.1	SND
12116	413507.5	3692323.1	-6.1	SND
12117	413506.5	3692328.5	-6.3	SND
12118	413505.6	3692333.5	-6.4	SND
12119	413504.3	3692339	-5.9	SND
12120	413502.8	3692345	-5.8	SND
12121	413501.2	3692350.6	-5.6	SND
12122	413499.6	3692355.4	-5.6	SND
12123	413497.9	3692360.4	-5.6	SND
12124	413495.7	3692365.4	-5.4	SND
12125	413493.4	3692370.1	-5.4	SND
12126	413490.8	3692374.8	-5.3	SND
12127	413487.8	3692379.2	-5.4	SND
12128	413484.7	3692383.6	-5.2	SND
12129	413481.4	3692387.7	-5.3	SND
12130	413478	3692391.5	-5.3	SND
12131	413474.4	3692395.3	-5.3	SND
12132	413470.4	3692398.9	-5.4	SND
12133	413466.2	3692402	-5.3	SND
12134	413461.9	3692405	-5.4	SND
12135	413457.3	3692407.6	-5.3	SND
12136	413452.8	3692410.2	-5.5	SND
12137	413448.2	3692412.8	-5.6	SND
12138	413443.6	3692415.4	-5.7	SND
12139	413439	3692417.9	-5.6	SND
12140	413434.3	3692420.6	-5.6	SND
12141	413429.7	3692423.4	-5.7	SND
12142	413425.2	3692426.3	-5.6	SND
12143	413421.1	3692429.3	-5.9	SND
12144	413416.7	3692432.4	-5.7	SND
12145	413412.1	3692435.7	-5.6	SND
12146	413407.9	3692438.8	-5.7	SND
12147	413403.9	3692441.8	-5.8	SND
12148	413399.8	3692444.9	-5.8	SND
12149	413395.8	3692448	-5.7	SND
12150	413391.5	3692451.3	-5.5	SND
12151	413387.1	3692454.7	-5.7	SND
12152	413382.8	3692458.1	-5.5	SND
12153	413378.4	3692461.6	-5.6	SND
12154	413374.3	3692465	-5.4	SND
12155	413370	3692468.6	-5.5	SND
12156	413365.8	3692472.1	-5.5	SND
12157	413361.6	3692475.7	-5.5	SND
12158	413357.5	3692479.3	-5.5	SND
12159	413353.4	3692483.1	-5.9	SND
12160	413349.5	3692486.8	-5.5	SND
12161	413345.6	3692490.9	-5.6	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12162	413341.5	3692495.8	-5.4	SND
12163	413338.2	3692499.8	-5.5	SND
12164	413334.5	3692504	-5.5	SND
12165	413330.9	3692507.5	-5.4	SND
12166	413327.2	3692511	-5.3	SND
12167	413322.8	3692514	-5.3	SND
12168	413318.2	3692516.9	-5.3	SND
12169	413313.4	3692519	-5.2	SND
12170	413308.4	3692520.7	-5.3	SND
12171	413303.5	3692522.1	-5.3	SND
12172	413298.3	3692523.1	-5.2	SND
12173	413292.9	3692524.1	-5.4	SND
12174	413287.8	3692524.9	-5.3	SND
12175	413282.6	3692525.7	-5.3	SND
12176	413277.4	3692526.4	-5.3	SND
12177	413272.2	3692527	-5.4	SND
12178	413267	3692527.6	-5.2	SND
12179	413261.2	3692528.2	-5.4	SND
12180	413256.2	3692528.7	-5.5	SND
12181	413250.9	3692529.3	-5.3	SND
12182	413245.4	3692529.9	-5.5	SND
12183	413240.1	3692530.7	-5.4	SND
12184	413234.7	3692531.6	-5.3	SND
12185	413229.4	3692532.5	-5.4	SND
12186	413223.9	3692533.5	-5.5	SND
12187	413218.6	3692534.4	-5.6	SND
12188	413213	3692535.4	-5.5	SND
12189	413207.7	3692536.3	-5.5	SND
12190	413201.7	3692537.2	-5.4	SND
12191	413196.3	3692538.1	-5.4	SND
12192	413191.3	3692538.8	-5.4	SND
12193	413186	3692539.5	-5.5	SND
12194	413180.7	3692540.1	-5.3	SND
12195	413175.7	3692540.7	-5.4	SND
12196	413169.7	3692541.2	-5	SND
12197	413164.7	3692541.5	-5	SND
12198	413159.2	3692541.7	-5	SND
12199	413154.2	3692541.6	-5	SND
12200	413148.8	3692541.3	-5	SND
12201	413143.4	3692540.9	-5.1	SND
12202	413138.1	3692540.2	-4.9	SND
12203	413132.8	3692539.4	-4.6	SND
12204	413127.5	3692538.6	-4.3	SND
12205	413122.2	3692537.7	-4.2	SND
12206	413117	3692536.9	-3.8	SND
12207	413111.6	3692536.2	-3.5	SND
12208	413106.3	3692535.4	-3.5	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12209	413100.9	3692534.6	-3.5	SND
12210	413095.7	3692534	-3	SND
12211	413090.4	3692533.3	-3	SND
12212	413084.8	3692532.8	-2.7	SND
12213	413079.6	3692532.2	-2.5	SND
12214	413074.1	3692531.6	-2.3	SND
12215	413068.9	3692531.1	-2.2	SND
12216	413063.5	3692530.8	-2.4	SND
12217	413058.2	3692530.9	-2.1	SND
12218	413053	3692531.8	-2.1	SND
12219	413047.9	3692533	-2.3	SND
12220	413042.8	3692534.6	-2.2	SND
12221	413038	3692536.5	-2.2	SND
12222	413033	3692538.7	-2.1	SND
12223	413028.2	3692540.9	-2.3	SND
12224	413023.3	3692543.3	-2.3	SND
12225	413018.4	3692545.9	-2.1	SND
12226	413013.6	3692548.4	-2.4	SND
12227	413009	3692551	-1.7	SND
12228	413004.3	3692553.7	-2.4	SND
12229	412999.9	3692556.5	-2.4	SND
12230	412995.3	3692559.5	-2.9	SND
12231	412990.9	3692562.4	-3.2	SND
12232	412985.9	3692565.7	-3	SND
12233	412981.4	3692568.6	-3.5	SND
12234	412977.2	3692571.3	-3.4	SND
12235	412972.7	3692574.2	-3.4	SND
12236	412968.1	3692577.2	-3.6	SND
12237	412963.6	3692580.1	-3.6	SND
12238	412959	3692583	-3.7	SND
12239	412954.5	3692585.9	-3.7	SND
12240	412949.9	3692588.8	-3.9	SND
12241	412945.3	3692591.5	-3.8	SND
12242	412940.7	3692594.1	-3.7	SND
12243	412936.2	3692596.4	-3.8	SND
12244	412931.4	3692598.8	-3.7	SND
12245	412926.3	3692601	-3.9	SND
12246	412921.4	3692603	-3.8	SND
12247	412916.3	3692605.1	-3.9	SND
12248	412911.4	3692607.1	-4	SND
12249	412906.3	3692609.1	-4	SND
12250	412901.4	3692611.1	-3.9	SND
12251	412896.3	3692613.2	-4	SND
12252	412891.4	3692615.2	-3.9	SND
12253	412886.4	3692617.3	-4	SND
12254	412881.5	3692619.4	-3.9	SND
12255	412876.4	3692621.5	-4	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12256	412871.5	3692623.5	-3.9	SND
12257	412866.7	3692625.4	-3.9	SND
12258	412862	3692627.3	-4.3	SND
12259	412857	3692629.2	-4.3	SND
12260	412851.8	3692631.1	-4.1	SND
12261	412846.8	3692632.7	-4.1	SND
12262	412841.6	3692634.5	-4	SND
12263	412836.6	3692636.3	-4.1	SND
12264	412831.5	3692638.4	-4.1	SND
12265	412826.7	3692640.4	-4.2	SND
12266	412821.6	3692642.6	-4.1	SND
12267	412816.7	3692644.7	-4	SND
12268	412811.7	3692646.9	-3.9	SND
12269	412806.8	3692649	-4	SND
12270	412801.7	3692651.1	-3.9	SND
12271	412796.8	3692653.1	-4	SND
12272	412791.7	3692655.1	-3.8	SND
12273	412786.9	3692656.8	-4.2	SND
12274	412782.2	3692658.5	-4.1	SND
12275	412777	3692660.3	-4.1	SND
12276	412771.9	3692662	-4.2	SND
12277	412766.6	3692663.8	-4.1	SND
12278	412761.5	3692665.6	-4.2	SND
12279	412756.2	3692667.3	-4	SND
12280	412751.2	3692669	-4.1	SND
12281	412746.1	3692670.9	-3.8	SND
12282	412741.2	3692672.8	-3.9	SND
12283	412736.2	3692675.1	-3.9	SND
12284	412731.4	3692677.3	-3.8	SND
12285	412726.5	3692679.6	-3.7	SND
12286	412721.7	3692681.9	-3.8	SND
12287	412716.7	3692684.2	-3.7	SND
12288	412711.7	3692686.3	-3.9	SND
12289	412706.8	3692688.3	-3.7	SND
12290	412701.8	3692690.2	-3.9	SND
12291	412696.7	3692692	-3.9	SND
12292	412691.6	3692693.6	-3.8	SND
12293	412686.4	3692695.2	-4.3	SND
12294	412681.3	3692696.7	-4.3	SND
12295	412676.1	3692698.1	-4.4	SND
12296	412670.9	3692699.4	-4.2	SND
12297	412665.7	3692700.7	-4.2	SND
12298	412660.5	3692701.8	-4	SND
12299	412655.2	3692702.9	-4	SND
12300	412650	3692703.9	-4.1	SND
12301	412644.7	3692704.9	-4	SND
12302	412639.4	3692705.7	-4.2	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12303	412634.1	3692706.4	-4	SND
12304	412628.8	3692707.1	-3.8	SND
12305	412623.6	3692707.9	-3.8	SND
12306	412618.1	3692708.6	-3.8	SND
12307	412612.8	3692709.4	-4	SND
12308	412607.4	3692710.1	-3.9	SND
12309	412602.1	3692710.8	-4.1	SND
12310	412596.7	3692711.5	-4.1	SND
12311	412591.4	3692712.2	-4.1	SND
12312	412586	3692713.1	-3.9	SND
12313	412580.7	3692713.9	-3.5	SND
12314	412575.3	3692714.9	-3.9	SND
12315	412570.1	3692716	-3.8	SND
12316	412564.6	3692717.1	-3.9	SND
12317	412559.4	3692718.2	-3.8	SND
12318	412554	3692719.6	-4	SND
12319	412548.9	3692720.9	-3.8	SND
12320	412543.5	3692722.4	-3.9	SND
12321	412538.5	3692723.7	-3.9	SND
12322	412533.2	3692725.1	-3.8	SND
12323	412528.3	3692726.3	-3.7	SND
12324	412523	3692727.6	-3.8	SND
12325	412517.6	3692728.9	-3.7	SND
12326	412512.4	3692730	-3.7	SND
12327	412507	3692731	-3.7	SND
12328	412501.7	3692731.8	-3.7	SND
12329	412495.3	3692732.6	-3.7	SND
12330	412489.9	3692733.2	-3.7	SND
12331	412484.6	3692733.7	-3.7	SND
12332	412479.2	3692734	-3.6	SND
12333	412473.9	3692734.3	-3.6	SND
12334	412468.5	3692734.3	-3.6	SND
12335	412463.2	3692734.2	-3.7	SND
12336	412457.8	3692734	-4	SND
12337	412452.7	3692733.6	-4	SND
12338	412447.3	3692733.1	-4.2	SND
12339	412442.3	3692732.7	-4.2	SND
12340	412437	3692732.3	-3.9	SND
12341	412431.7	3692731.8	-3.8	SND
12342	412426.3	3692731.5	-3.8	SND
12343	412421.3	3692731.3	-4	SND
12344	412416	3692731.3	-4.1	SND
12345	412410.5	3692731.4	-4.2	SND
12346	412405.1	3692731.6	-4.1	SND
12347	412399.5	3692732	-4.2	SND
12348	412394.1	3692732.5	-4.2	SND
12349	412388.5	3692733.1	-4.1	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12350	412383.1	3692734	-4.1	SND
12351	412377.6	3692735	-4.1	SND
12352	412372.2	3692736.1	-4.1	SND
12353	412367	3692737.4	-4.2	SND
12354	412362	3692738.7	-4.3	SND
12355	412356.7	3692740.2	-4.3	SND
12356	412351.9	3692741.7	-4.3	SND
12357	412346.9	3692743.4	-4.3	SND
12358	412341.8	3692745.4	-4.3	SND
12359	412337	3692747.3	-4.4	SND
12360	412332.4	3692749.4	-4.4	SND
12361	412327.5	3692751.7	-4.4	SND
12362	412323	3692753.9	-4.4	SND
12363	412318.5	3692756.2	-4.5	SND
12364	412313.7	3692758.8	-4.5	SND
12365	412308.9	3692761.6	-4.5	SND
12366	412304.3	3692764.5	-4.8	SND
12367	412299.7	3692767.8	-5	SND
12368	412295.4	3692771.1	-5	SND
12369	412291.1	3692774.3	-5.2	SND
12370	412286.8	3692777.2	-5.2	SND
12371	412282	3692779.9	-5.2	SND
12372	412277	3692782.2	-5.1	SND
12373	412271.9	3692783.8	-5	SND
12374	412266.7	3692785.4	-5	SND
12375	412261.7	3692786.9	-5.1	SND
12376	412256.6	3692788.7	-5	SND
12377	412251.7	3692790.6	-5.1	SND
12378	412246.6	3692792.8	-5	SND
12379	412241.9	3692795.2	-5	SND
12380	412237.1	3692797.9	-5.1	SND
12381	412232.6	3692800.9	-5.3	SND
12382	412228.4	3692803.7	-5.2	SND
12383	412224.2	3692806.7	-5.4	SND
12384	412219.8	3692809.7	-5.4	SND
12385	412215.1	3692812.8	-5.5	SND
12386	412210.6	3692815.6	-5.5	SND
12387	412206.3	3692818.2	-5.5	SND
12388	412201.4	3692821	-5.2	SND
12389	412196.7	3692823.6	-5.2	SND
12390	412191.9	3692826.2	-5.4	SND
12391	412187.2	3692828.7	-5.6	SND
12392	412182.3	3692831.4	-5.6	SND
12393	412177.6	3692834	-5.6	SND
12394	412172.8	3692836.7	-5.7	SND
12395	412168.3	3692839.5	-5.7	SND
12396	412163.6	3692842.5	-5.8	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12397	412159.2	3692845.5	-5.6	SND
12398	412154.7	3692848.7	-5.7	SND
12399	412150.4	3692852	-5.8	SND
12400	412146.1	3692855.5	-5.6	SND
12401	412141.9	3692858.9	-5.6	SND
12402	412137.7	3692862.2	-5.6	SND
12403	412133.8	3692865.4	-5.5	SND
12404	412129.5	3692868.9	-5.4	SND
12405	412125.2	3692872.4	-5.3	SND
12406	412121	3692875.7	-5.3	SND
12407	412116.7	3692879.1	-5.4	SND
12408	412112.5	3692882.3	-5.7	SND
12409	412108.1	3692885.6	-5.5	SND
12410	412103.8	3692888.7	-5.5	SND
12411	412099.4	3692892	-5.6	SND
12412	412095.2	3692895.2	-5.5	SND
12413	412091	3692898.8	-5.8	SND
12414	412087.2	3692902.4	-5.6	SND
12415	412083.3	3692906.4	-5.7	SND
12416	412079.9	3692910.5	-5.9	SND
12417	412076.6	3692914.6	-5.7	SND
12418	412073.5	3692918.7	-5.7	SND
12419	412070.3	3692923.1	-5.7	SND
12420	412067.3	3692927.2	-5.7	SND
12421	412064.4	3692931.3	-5.7	SND
12422	412061.3	3692935.7	-5.7	SND
12423	412058.3	3692940.3	-5.6	SND
12424	412055.4	3692944.8	-5.5	SND
12425	412052.4	3692949.4	-5.7	SND
12426	412049.5	3692953.8	-5.7	SND
12427	412046.5	3692958.4	-5.6	SND
12428	412043.6	3692962.8	-5.5	SND
12429	412040.6	3692967.3	-5.5	SND
12430	412037.5	3692971.6	-5.5	SND
12431	412034.2	3692975.9	-5.4	SND
12432	412030.9	3692980	-5.6	SND
12433	412027.4	3692984.1	-5.5	SND
12434	412024	3692987.9	-5.4	SND
12435	412020.4	3692991.8	-5.3	SND
12436	412016.6	3692995.7	-5.2	SND
12437	412012.9	3692999.5	-5.1	SND
12438	412009.4	3693003.1	-5.1	SND
12439	412005.9	3693007.1	-5.1	SND
12440	412002.4	3693011.2	-5	SND
12441	411999.3	3693015.4	-4.9	SND
12442	411996.3	3693020	-4.9	SND
12443	411993.6	3693024.5	-4.8	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12444	411991	3693029.3	-4.9	SND
12445	411988.5	3693034.1	-5	SND
12446	411986	3693039	-5.1	SND
12447	411983.6	3693043.8	-5.1	SND
12448	411981.1	3693048.7	-5	SND
12449	411978.6	3693053.4	-5	SND
12450	411976.5	3693058.1	-5	SND
12451	411974.5	3693063.1	-4.7	SND
12452	411972.7	3693068.2	-4.8	SND
12453	411971.6	3693073.5	-4.7	SND
12454	411970.6	3693078.8	-4.8	SND
12455	411969.9	3693084.2	-4.9	SND
12456	411969.3	3693089.6	-4.9	SND
12457	411968.7	3693094.6	-4.8	SND
12458	411967.9	3693099.9	-4.8	SND
12459	411967	3693105.4	-5	SND
12460	411965.9	3693110.5	-5	SND
12461	411964.5	3693115.7	-4.9	SND
12462	411963	3693120.7	-4.8	SND
12463	411961.5	3693125.8	-5	SND
12464	411960	3693130.8	-4.9	SND
12465	411958.4	3693135.9	-5.1	SND
12466	411956.9	3693140.8	-5	SND
12467	411955.4	3693145.9	-5.3	SND
12468	411953.9	3693150.7	-5.2	SND
12469	411952.6	3693155.7	-5.3	SND
12470	411951.5	3693161.1	-5.2	SND
12471	411950.7	3693166.3	-5.3	SND
12472	411950.3	3693171.8	-5.3	SND
12473	411950.2	3693177.1	-5.4	SND
12474	411950.7	3693182.6	-5.2	SND
12475	411951.4	3693187.9	-4.8	SND
12476	411952.1	3693193.4	-4.9	SND
12477	411952.8	3693198.7	-4.9	SND
12478	411953.2	3693204.2	-5.1	SND
12479	411953.2	3693209.4	-5	SND
12480	411952.9	3693214.6	-5	SND
12481	411952.3	3693219.7	-4.9	SND
12482	411951.8	3693224.8	-5.1	SND
12483	411951.3	3693230.1	-4.9	SND
12484	411950.8	3693235.4	-4.9	SND
12485	411950.7	3693240.6	-4.9	SND
12486	411950.8	3693245.8	-4.9	SND
12487	411951	3693251	-4.8	SND
12488	411951.7	3693256.2	-4.7	SND
12489	411952.6	3693261.4	-4.7	SND
12490	411953.6	3693266.6	-4.6	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12491	411954.8	3693271.8	-4.7	SND
12492	411956	3693277	-4.5	SND
12493	411957.6	3693282.1	-4.4	SND
12494	411959.6	3693286.9	-4.4	SND
12495	411962	3693291.6	-4.6	SND
12496	411965	3693296	-4.7	SND
12497	411968.1	3693300.1	-4.8	SND
12498	411971.7	3693303.9	-4.6	SND
12499	411975.9	3693307.5	-4.6	SND
12500	411980.2	3693310.7	-4.2	SND
12501	411984.7	3693313.8	-4	SND
12502	411989	3693316.8	-3.8	SND
12503	411993.4	3693320	-3.8	SND
12504	411997.6	3693323	-3.8	SND
12505	412001.9	3693326.2	-3.8	SND
12506	412006.1	3693329.2	-3.7	SND
12507	412010.3	3693332.3	-3.5	SND
12508	412014.3	3693335.5	-3.2	SND
12509	412018.4	3693338.8	-3.3	SND
12510	412022.2	3693342.1	-3.2	SND
12511	412026	3693345.7	-3.3	SND
12512	412029.3	3693349.5	-3.2	SND
12513	412032.5	3693353.4	-3.1	SND
12514	412035.6	3693357.8	-2.9	SND
12515	412038.3	3693362.2	-3	SND
12516	412040.7	3693366.6	-2.7	SND
12517	412042.8	3693371.4	-2.6	SND
12518	412044.4	3693376.1	-2.7	SND
12519	412045.9	3693381	-2.7	SND
12520	412047.1	3693386.2	-2.5	SND
12521	412048.5	3693391.3	-2.1	SND
12522	412049.9	3693396.1	-2	SND
12523	412051.6	3693401.1	-2.1	SND
12524	412053.8	3693406	-2.6	SND
12525	412056	3693410.5	-2.5	SND
12526	412058.5	3693415.3	-2.2	SND
12527	412061.3	3693420	-2.6	SND
12528	412064.2	3693424.5	-2.5	SND
12529	412067.4	3693428.6	-2.6	SND
12530	412071	3693432.3	-2.4	SND
12531	412074.8	3693435.5	-2.6	SND
12532	412079	3693438.4	-2.5	SND
12533	412083.8	3693441	-2.3	SND
12534	412088.9	3693443.3	-2.5	SND
12535	412093.8	3693445	-2.3	SND
12536	412098.7	3693446.3	-2.4	SND
12537	412103.8	3693447.4	-2.6	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12538	412108.9	3693448	-2.6	SND
12539	412114.1	3693448.4	-2.6	SND
12540	412119.1	3693448.5	-2.7	SND
12541	412124.3	3693448.4	-2.6	SND
12542	412129.3	3693448.3	-2.6	SND
12543	412134.5	3693448	-2.5	SND
12544	412139.8	3693447.7	-2.4	SND
12545	412145.1	3693447.2	-2.3	SND
12546	412150.2	3693446.7	-2	SND
12547	412155.4	3693446.1	-2.2	SND
12548	412160.5	3693445.6	-1.9	SND
12549	412165.7	3693445.1	-1.7	SND
12550	412170.7	3693444.8	-2.1	SND
12551	412175.8	3693444.8	-1	SND
12552	412181	3693445.4	-1.6	SND
12553	412186.2	3693446.4	-2	SND
12554	412191.2	3693447.9	-1.3	SND
12555	412195.9	3693450.2	-1.8	SND
12556	412201.1	3693453.2	-2.3	SND
12557	412205.4	3693456.2	-2.1	SND
12558	412209.5	3693459.3	-1.7	SND
12559	412213.3	3693463.2	-1	SND
12560	412216.3	3693467.2	-0.9	SND
12561	412218.8	3693471.7	-1.7	SND
12562	412220.6	3693476.8	-1.9	SND
12563	412221.9	3693482.4	-2	SND
12564	412222.7	3693487.4	-1.4	SND
12565	412223.1	3693492.8	-1.3	SND
12566	412222.9	3693498.3	-1.9	SND
12567	412222.5	3693503.7	-1.9	SND
12568	412222	3693509.1	-1.8	SND
12569	412221.5	3693514.5	-1.7	SND
12570	412221.1	3693520.3	-1.7	SND
12571	412220.8	3693525.4	-1.8	SND
12572	412220.6	3693530.7	-1.3	SND
12573	412220.4	3693535.8	-1.2	SND
12574	412220.3	3693540.9	-1.1	SND
12575	412220	3693546.1	-1	SND
12576	412219.7	3693551.1	-1.1	SND
12577	412219.2	3693556.1	-1.1	SND
12578	412218.4	3693561.9	-1	SND
12579	412217.4	3693567.2	-0.8	SND
12580	412216.2	3693573	-1.3	SND
12581	412215	3693578.3	-1.2	SND
12582	412213.4	3693583.5	-0.9	SND
12583	412212.1	3693588.8	-1	SND
12584	412211	3693594.1	-1	SND

TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12585	412210	3693599.5	-1	SND
12586	412208.9	3693604.8	-1.2	SND
12587	412207.9	3693610.2	-1	SND
12588	412206.9	3693615.1	-0.7	SND
12589	412205.8	3693620.2	-1.5	SND
12590	412204.5	3693625.2	-1.4	SND
12591	412203.1	3693630	-1	SND
12592	412201.2	3693635.5	-0.8	SND
12593	412199.2	3693640.5	-0.8	SND
12594	412197.3	3693645.4	-0.6	SND
12595	412195.5	3693650.4	-0.6	SND
12596	412193.3	3693656.1	-1.1	SND
12597	412191.4	3693661	-0.6	SND
12598	412189.4	3693666.1	-0.6	SND
12599	412187.2	3693670.7	-0.7	SND
12600	412184.7	3693675.4	-0.6	SND
12601	412181.6	3693680.2	-0.5	SND
12602	412178.6	3693684.4	-0.8	SND
12603	412174.8	3693689.2	-0.9	SND
12604	412171.4	3693693	-0.7	SND
12605	412167.7	3693696.5	-0.6	SND
12606	412163.8	3693699.7	-0.5	SND
12607	412159	3693703	-0.5	SND
12608	412154.3	3693705.5	-0.6	SND
12609	412149.3	3693707.6	-0.7	SND
12610	412144.6	3693709.3	-1	SND
12611	412139.8	3693710.8	-0.6	SND
12612	412134.7	3693712.4	-0.3	SND
12613	412129.8	3693713.8	-1	SND
12614	412124.2	3693715.4	-0.9	SND
12615	412119.2	3693716.9	-0.6	SND
12616	412114.3	3693718.5	-1.3	SND
12617	412108.4	3693720.3	-1.2	SND
12618	412103.3	3693722	-1.3	SND
12619	412098.3	3693723.7	-0.7	SND
12620	412093.2	3693725.4	-1.1	SND
12621	412087.7	3693727.4	-0.9	SND
12622	412082.6	3693729.1	-0.7	SND
12623	412077.9	3693730.8	-0.7	SND
12624	412073.1	3693732.7	-0.5	SND
12625	412068.5	3693734.8	-0.9	SND
12626	412064.1	3693737.2	-0.7	SND
12627	412059.7	3693739.8	-0.8	SND
12628	412055.2	3693742.9	-1	SND
12629	412050.8	3693746.2	-1.1	SND
12630	412046.7	3693749.8	-1.1	SND
12631	412043	3693753.3	-1.1	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12632	412039.5	3693757	-1	SND
12633	412036.3	3693761	-1.1	SND
12634	412033.4	3693765.3	-1	SND
12635	412030.7	3693769.6	-1.2	SND
12636	412028.4	3693774.2	-1.1	SND
12637	412026.1	3693778.7	-1	SND
12638	412023.9	3693783.3	-1.1	SND
12639	412021.6	3693787.9	-1	SND
12640	412019.5	3693792.5	-0.9	SND
12641	412017.4	3693797.4	-0.8	SND
12642	412015.5	3693802.4	-0.9	SND
12643	412013.5	3693807.5	-0.8	SND
12644	412011.5	3693812.4	-1	SND
12645	412009.4	3693817.3	-0.9	SND
12646	412007.1	3693822.1	-0.9	SND
12647	412004.8	3693826.8	-0.8	SND
12648	412002.3	3693831.3	-0.9	SND
12649	411999.7	3693835.9	-0.9	SND
12650	411996.5	3693841.1	-0.6	SND
12651	411993.8	3693845.5	-0.8	SND
12652	411990.9	3693849.8	-0.7	SND
12653	411988.1	3693854	-0.8	SND
12654	411985.1	3693858.3	-0.9	SND
12655	411982	3693862.6	-0.8	SND
12656	411978.6	3693866.8	-0.7	SND
12657	411975.1	3693870.8	-0.7	SND
12658	411971.6	3693874.7	-0.6	SND
12659	411968.1	3693878.5	-0.6	SND
12660	411964.7	3693882.4	-0.7	SND
12661	411961.2	3693886.9	-0.5	SND
12662	411958	3693891.2	-0.5	SND
12663	411954.4	3693896.1	-0.4	SND
12664	411950.1	3693901.3	-0.9	SND
12665	411946.6	3693905.1	-0.5	SND
12666	411942.7	3693908.7	-0.5	SND
12667	411938.5	3693911.8	-0.6	SND
12668	411932.5	3693915.4	-0.5	SND
12669	411928	3693917.7	-0.5	SND
12670	411923.1	3693920	-0.3	SND
12671	411918.5	3693922	-0.6	SND
12672	411913.7	3693923.8	-0.6	SND
12673	411908.9	3693925.4	-0.5	SND
12674	411904.1	3693927.1	-0.7	SND
12675	411899.2	3693929	-0.4	SND
12676	411894.2	3693930.5	-0.4	SND
12677	411889.3	3693931.5	-0.6	SND
12679	411879.1	3693932	-0.8	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12680	411873.8	3693931.4	-0.8	SND
12681	411868.6	3693930.5	-1	SND
12682	411863.4	3693929.4	-1.1	SND
12683	411858.5	3693928.4	-0.8	SND
12684	411853.5	3693927.4	-0.9	SND
12685	411848.3	3693926.2	-0.9	SND
12686	411843.1	3693925.1	-1.1	SND
12687	411837.9	3693923.9	-1.1	SND
12688	411832.6	3693922.7	-1.1	SND
12689	411827.3	3693921.5	-0.9	SND
12690	411822.2	3693920.4	-1.2	SND
12691	411817.3	3693919.4	-1.4	SND
12692	411812.3	3693918.5	-1.2	SND
12693	411807.3	3693917.6	-1.5	SND
12694	411801.9	3693916.7	-2.7	SND
12695	411796.9	3693915.9	-1.8	SND
12696	411791.8	3693915.2	-2.5	SND
12697	411786.2	3693914.6	-2.1	SND
12698	411780.9	3693914.1	-2	SND
12699	411775.5	3693913.8	-3.1	SND
12700	411770.3	3693913.8	-2.6	SND
12701	411764.8	3693914.1	-2.1	SND
12702	411759.7	3693914.7	-2.5	SND
12703	411754.3	3693915.7	-2.9	SND
12704	411748.9	3693916.7	-2.7	SND
12705	411743.8	3693917.9	-2.9	SND
12706	411738.6	3693919.2	-3	SND
12707	411733.4	3693920.4	-3.3	SND
12708	411728.2	3693921.7	-3.3	SND
12709	411723	3693922.9	-3.5	SND
12710	411717.8	3693924.1	-3.2	SND
12711	411712.6	3693925.3	-3.2	SND
12712	411707.4	3693926.4	-3.3	SND
12713	411702.2	3693927.6	-3.5	SND
12714	411697.1	3693928.5	-3.6	SND
12715	411691.9	3693929.4	-3.6	SND
12716	411686.7	3693930.1	-3.8	SND
12717	411681.4	3693930.6	-3.9	SND
12718	411676.1	3693931	-4.1	SND
12719	411670.8	3693931	-4.2	SND
12720	411665.8	3693931	-4.3	SND
12721	411660.4	3693930.8	-4.3	SND
12722	411654.9	3693930.6	-4.4	SND
12723	411649.6	3693930.4	-4.3	SND
12724	411644	3693930.3	-4.4	SND
12725	411638.7	3693930.1	-4.5	SND
12726	411633.7	3693930	-4.5	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12727	411628.3	3693929.8	-4.6	SND
12728	411622.9	3693929.9	-4.9	SND
12729	411617.9	3693930.1	-5.2	SND
12730	411612.6	3693930.6	-5	SND
12731	411607.1	3693931.3	-5	SND
12732	411601.8	3693932.3	-5.2	SND
12733	411596.4	3693933.5	-5.5	SND
12734	411591.2	3693934.9	-5.2	SND
12735	411586.4	3693936.3	-4.9	SND
12736	411581.3	3693937.8	-4.7	SND
12737	411576.1	3693939.4	-4.7	SND
12738	411570.7	3693941.2	-4.6	SND
12739	411565.6	3693942.9	-4.8	SND
12740	411560.3	3693944.7	-4.7	SND
12741	411555.3	3693946.6	-4.5	SND
12742	411550.2	3693948.7	-4.6	SND
12743	411545.4	3693950.8	-4.7	SND
12744	411540.4	3693953.1	-4.5	SND
12745	411535.5	3693955.4	-4.5	SND
12746	411530.5	3693957.8	-4.7	SND
12747	411525.8	3693960.2	-4.4	SND
12748	411521	3693962.9	-4.1	SND
12749	411516.5	3693965.8	-4.2	SND
12750	411512	3693968.9	-4.2	SND
12751	411507.9	3693972.3	-4.4	SND
12752	411504.1	3693975.7	-4.6	SND
12753	411500.2	3693979.2	-4.2	SND
12754	411496.1	3693982.8	-4.2	SND
12755	411491.9	3693986.5	-4.1	SND
12756	411487.9	3693990	-4	SND
12757	411483.8	3693993.7	-4.2	SND
12758	411480	3693997.2	-4.1	SND
12759	411476	3694001	-4.2	SND
12760	411472.3	3694004.7	-4.3	SND
12761	411468.5	3694008.7	-4.3	SND
12762	411464.9	3694012.6	-4.5	SND
12763	411461.2	3694016.7	-4.6	SND
12764	411457.6	3694020.6	-4.6	SND
12765	411453.7	3694024.5	-4.5	SND
12766	411449.9	3694028.3	-4.6	SND
12767	411446	3694032.2	-4.7	SND
12768	411442.5	3694035.8	-4.7	SND
12769	411438.7	3694039.7	-4.8	SND
12770	411435	3694043.7	-5	SND
12771	411431.3	3694047.6	-5.1	SND
12772	411427.7	3694051.5	-5.1	SND
12773	411424	3694055.5	-5	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12774	411420.3	3694059.4	-5.2	SND
12775	411416.5	3694063.3	-5.1	SND
12776	411412.8	3694067.2	-5.2	SND
12777	411409	3694071.1	-5.3	SND
12778	411405.3	3694075	-5.3	SND
12779	411401.6	3694078.9	-5.4	SND
12780	411398.1	3694082.5	-5.3	SND
12781	411394.4	3694086.3	-5.5	SND
12782	411390.6	3694090.2	-5.8	SND
12783	411386.9	3694094	-5.5	SND
12784	411383.2	3694097.7	-5.7	SND
12785	411379.6	3694101.2	-5.7	SND
12786	411375.8	3694105	-5.8	SND
12787	411371.8	3694108.8	-5.9	SND
12788	411368	3694112.5	-5.9	SND
12789	411364	3694116.3	-5.9	SND
12790	411360.2	3694120	-5.8	SND
12791	411356.2	3694123.8	-5.8	SND
12792	411352.4	3694127.5	-5.8	SND
12793	411348.4	3694131.3	-5.9	SND
12794	411344.6	3694135	-5.9	SND
12795	411340.8	3694138.9	-5.8	SND
12796	411337.1	3694142.8	-5.9	SND
12797	411333.3	3694146.8	-6	SND
12798	411329.7	3694150.7	-6.1	SND
12799	411325.9	3694154.7	-6.3	SND
12800	411322.3	3694158.4	-6.1	SND
12801	411318.4	3694162.3	-6.2	SND
12802	411314.9	3694165.9	-6.1	SND
12803	411311.1	3694169.7	-6.2	SND
12804	411307.7	3694173.4	-6.5	SND
12805	411304.2	3694177.1	-6.2	SND
12806	411300.5	3694181.2	-6.3	SND
12807	411297	3694185.4	-6.2	SND
12808	411293.6	3694189.6	-6.3	SND
12809	411290.3	3694194.1	-6.2	SND
12810	411287.4	3694198.6	-6.4	SND
12811	411284.4	3694203.3	-6.3	SND
12812	411281.7	3694208	-6.2	SND
12813	411279.1	3694212.9	-6.3	SND
12814	411276.6	3694217.7	-6.4	SND
12815	411274.4	3694222.8	-6.4	SND
12816	411272.5	3694227.5	-6.3	SND
12817	411270.8	3694232.4	-6.5	SND
12818	411269.1	3694237.2	-6.5	SND
12819	411267.5	3694242	-6.5	SND
12820	411265.8	3694247.2	-6.7	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12821	411264.2	3694252.6	-6.6	SND
12822	411262.7	3694257.8	-6.8	SND
12823	411260.9	3694263.1	-6.8	SND
12824	411259.2	3694268.2	-6.8	SND
12825	411257.1	3694273.4	-6.8	SND
12826	411255	3694278.3	-6.8	SND
12827	411252.6	3694283.3	-6.7	SND
12828	411250	3694287.9	-6.7	SND
12829	411247.1	3694292.5	-6.9	SND
12830	411244.3	3694296.8	-6.9	SND
12831	411241.1	3694301.2	-6.9	SND
12832	411238.1	3694305.2	-6.9	SND
12833	411234.5	3694309.3	-6.9	SND
12834	411230.9	3694313.2	-7	SND
12835	411227.2	3694317.1	-6.9	SND
12836	411223.4	3694320.9	-6.8	SND
12837	411219.6	3694324.7	-6.8	SND
12838	411215.8	3694328.5	-6.8	SND
12839	411212.1	3694332.3	-6.9	SND
12840	411208.4	3694336.2	-6.9	SND
12841	411204.7	3694340.2	-6.8	SND
12842	411201.3	3694344.4	-6.8	SND
12843	411198	3694348.6	-6.9	SND
12844	411195.2	3694352.8	-6.8	SND
12845	411192.5	3694357.5	-6.8	SND
12846	411190	3694362.5	-6.8	SND
12847	411187.7	3694367.4	-6.8	SND
12848	411185.6	3694372	-6.8	SND
12849	411183.2	3694376.9	-6.8	SND
12850	411181	3694381.4	-6.8	SND
12851	411178.8	3694385.9	-6.8	SND
12852	411176.6	3694390.4	-6.7	SND
12853	411174.5	3694395	-6.9	SND
12854	411172.2	3694399.9	-6.8	SND
12855	411170	3694405	-6.7	SND
12856	411168	3694409.9	-6.7	SND
12857	411166.3	3694415.2	-6.6	SND
12858	411164.8	3694420.4	-6.6	SND
12859	411163.8	3694425.3	-6.8	SND
12860	411162.9	3694430.7	-6.9	SND
12861	411162.1	3694436.1	-6.8	SND
12862	411161.5	3694441.2	-6.9	SND
12863	411161	3694446.6	-6.8	SND
12864	411160.5	3694451.6	-7	SND
12865	411159.9	3694457	-7.1	SND
12866	411159.4	3694462.4	-7.2	SND
12867	411158.7	3694468	-7.1	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12868	411158.1	3694473.3	-7.1	SND
12869	411157.4	3694478.8	-7.1	SND
12870	411156.7	3694484.1	-7.1	SND
12871	411155.9	3694489.5	-6.9	SND
12872	411155.1	3694494.8	-6.8	SND
12873	411154.4	3694500.2	-6.9	SND
12874	411153.6	3694505.5	-6.7	SND
12875	411152.8	3694510.9	-6.7	SND
12876	411151.8	3694516.1	-6.7	SND
12877	411150.7	3694521.5	-6.6	SND
12878	411149.4	3694526.6	-6.4	SND
12879	411147.9	3694531.8	-6.6	SND
12880	411146.3	3694536.8	-6.5	SND
12881	411144.6	3694541.6	-6.6	SND
12882	411142.7	3694546.6	-6.5	SND
12883	411140.8	3694551.7	-6.5	SND
12884	411138.9	3694556.7	-6.5	SND
12885	411136.9	3694561.9	-6.6	SND
12886	411135	3694566.9	-6.5	SND
12887	411133.1	3694571.9	-6.4	SND
12888	411131.2	3694576.9	-6.6	SND
12889	411129.5	3694581.9	-6.4	SND
12890	411127.8	3694587	-6.5	SND
12891	411126.3	3694592.2	-6.3	SND
12892	411125	3694597.4	-6.4	SND
12893	411123.9	3694602.6	-6.3	SND
12894	411123.1	3694608	-6.4	SND
12895	411122.3	3694613.4	-6.3	SND
12896	411121.8	3694618.8	-6.3	SND
12897	411121.2	3694624	-6.2	SND
12898	411120.7	3694629	-6.1	SND
12899	411120.2	3694634.1	-6.1	SND
12900	411119.7	3694639.4	-6	SND
12901	411119.2	3694644.9	-6	SND
12902	411118.7	3694650.1	-6.1	SND
12903	411118.2	3694655.6	-5.9	SND
12904	411117.7	3694660.8	-6	SND
12905	411117.3	3694666.2	-6	SND
12906	411116.9	3694671.4	-6.2	SND
12907	411116.5	3694676.9	-6	SND
12908	411116.1	3694682.1	-6	SND
12909	411115.7	3694687.6	-6.1	SND
12910	411115.3	3694692.9	-6.1	SND
12911	411114.8	3694698.3	-6	SND
12912	411114.4	3694703.6	-6.1	SND
12913	411113.9	3694708.8	-6	SND
12914	411113.3	3694714.2	-6.1	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12915	411112.7	3694719.6	-6.2	SND
12916	411112	3694724.9	-6.2	SND
12917	411111.3	3694730.2	-6.3	SND
12918	411110.5	3694735.5	-6.2	SND
12919	411109.6	3694740.8	-6.1	SND
12920	411108.7	3694746.1	-6.1	SND
12921	411107.6	3694751.3	-6	SND
12922	411106.6	3694756.6	-6	SND
12923	411105.5	3694761.9	-5.9	SND
12924	411104.6	3694767.2	-6	SND
12925	411103.7	3694772.5	-5.7	SND
12926	411103.1	3694777.8	-5.8	SND
12927	411102.7	3694783.1	-5.9	SND
12928	411102.4	3694788.1	-5.8	SND
12929	411102.4	3694793.3	-5.8	SND
12930	411102.6	3694798.8	-5.7	SND
12931	411103	3694803.8	-5.7	SND
12932	411103.7	3694809.2	-5.7	SND
12933	411104.5	3694814.7	-5.7	SND
12934	411105.4	3694820	-5.7	SND
12935	411106.7	3694826.9	-5.7	SND
12936	411107.7	3694832.2	-5.7	SND
12937	411108.8	3694837.6	-5.8	SND
12938	411109.8	3694842.8	-5.8	SND
12939	411110.9	3694848.1	-5.7	SND
12940	411112.1	3694853.4	-5.8	SND
12941	411113.3	3694858.6	-5.7	SND
12942	411114.7	3694863.8	-5.5	SND
12943	411116.1	3694869	-5.5	SND
12944	411117.6	3694874	-5.3	SND
12945	411119.3	3694879.1	-5.1	SND
12946	411121.1	3694884.3	-5	SND
12947	411122.8	3694889.4	-5	SND
12948	411124.6	3694894.6	-4.9	SND
12949	411126.3	3694899.6	-4.9	SND
12950	411128	3694904.8	-4.7	SND
12951	411129.6	3694909.9	-4.7	SND
12952	411131.2	3694915.1	-4.8	SND
12953	411132.6	3694920.1	-4.7	SND
12954	411133.9	3694925.3	-4.7	SND
12955	411135	3694930.3	-4.6	SND
12956	411135.9	3694935.6	-4.7	SND
12957	411136.6	3694940.7	-4.7	SND
12958	411137.1	3694946	-4.5	SND
12959	411137.3	3694951.1	-4.6	SND
12960	411137.4	3694956.5	-4.5	SND
12961	411137.3	3694961.9	-4.3	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
12962	411137	3694967.2	-4.3	SND
12963	411136.5	3694972.8	-4.3	SND
12964	411135.8	3694978.1	-4.3	SND
12965	411135	3694983.3	-4.2	SND
12966	411134.2	3694988.5	-4.2	SND
12967	411133.3	3694993.6	-4.3	SND
12968	411132.4	3694998.7	-4.4	SND
12969	411131.5	3695003.8	-4.3	SND
12970	411130.4	3695008.9	-4.5	SND
12971	411129.3	3695014	-4.6	SND
12972	411128.1	3695019.1	-4.6	SND
12973	411126.8	3695024.1	-4.5	SND
12974	411125.5	3695029.2	-4.5	SND
12975	411124.3	3695034.3	-4.4	SND
12976	411123.3	3695039.4	-4.4	SND
12977	411122.4	3695044.5	-4.4	SND
12978	411121.8	3695049.9	-4.4	SND
12979	411121.4	3695055.2	-4.4	SND
12980	411121.2	3695060.6	-4.3	SND
12981	411121.5	3695065.8	-4.3	SND
12982	411122	3695071.3	-4.4	SND
12983	411122.7	3695076.5	-4.3	SND
12984	411123.7	3695081.8	-4.4	SND
12985	411124.8	3695086.9	-4.4	SND
12986	411126.3	3695092.1	-4.2	SND
12987	411128	3695097	-4	SND
12988	411129.9	3695101.9	-4.1	SND
12989	411132.1	3695106.6	-4	SND
12990	411134.5	3695111.3	-3.7	SND
12991	411136.9	3695115.9	-3.7	SND
12992	411139.2	3695120.4	-3.3	SND
12993	411141.6	3695125	-3.4	SND
12994	411143.9	3695129.7	-3.6	SND
12995	411146.2	3695134.3	-3.6	SND
12996	411148.7	3695138.8	-3.6	SND
12997	411151.2	3695143.4	-3.4	SND
12998	411153.6	3695148	-3.4	SND
12999	411155.7	3695152.7	-3.5	SND
13000	411157.2	3695157.6	-3.2	SND
13001	411158.2	3695162.5	-3.2	SND
13002	411158.5	3695167.5	-3.2	SND
13003	411158	3695172.9	-3.1	SND
13004	411156.9	3695178.1	-3.1	SND
13005	411155.1	3695183.3	-3.4	SND
13006	411152.8	3695188	-3.2	SND
13007	411150.4	3695192.4	-3.3	SND
13008	411147.7	3695196.7	-3.3	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13009	411144.6	3695201.2	-3.5	SND
13010	411141.7	3695205.4	-3.6	SND
13011	411138.6	3695209.7	-3.5	SND
13012	411135.5	3695214.2	-3.6	SND
13013	411132.5	3695218.3	-3.5	SND
13014	411129.5	3695222.3	-3.4	SND
13015	411126.3	3695226.4	-3.8	SND
13016	411123.1	3695230.3	-4.3	SND
13017	411119.7	3695234.4	-4.4	SND
13018	411116.4	3695238.3	-4.6	SND
13019	411112.9	3695242.3	-4.8	SND
13020	411109.5	3695246.3	-4.8	SND
13021	411106.1	3695250.4	-4.8	SND
13022	411102.7	3695254.3	-5.1	SND
13023	411099.5	3695258.3	-4.9	SND
13024	411096.2	3695262.5	-4.9	SND
13025	411093	3695266.9	-5	SND
13026	411090.2	3695271.5	-5.1	SND
13027	411087.6	3695276.1	-5.3	SND
13028	411085.1	3695280.9	-5.3	SND
13029	411082.6	3695285.6	-5.5	SND
13030	411080.1	3695290.4	-5.5	SND
13031	411077.4	3695295	-5.6	SND
13032	411074.7	3695299.6	-5.5	SND
13033	411071.8	3695304	-5.5	SND
13034	411068.8	3695308.4	-5.3	SND
13035	411065.8	3695312.7	-5.2	SND
13036	411062.9	3695317	-4.9	SND
13037	411060	3695321.4	-4.9	SND
13038	411057.2	3695325.9	-4.8	SND
13039	411054.7	3695330.4	-4.9	SND
13040	411052.3	3695335.3	-5	SND
13041	411050.1	3695340.1	-5.1	SND
13042	411048.1	3695345.2	-4.9	SND
13043	411046.2	3695350.2	-5.1	SND
13044	411044.5	3695355.6	-4.8	SND
13045	411043.2	3695360.7	-5	SND
13046	411041.8	3695366	-4.9	SND
13047	411040.7	3695371.2	-4.9	SND
13048	411039.4	3695376.5	-4.9	SND
13049	411038.2	3695381.5	-4.9	SND
13050	411036.7	3695386.7	-4.8	SND
13051	411035.1	3695391.7	-5	SND
13052	411033.4	3695396.8	-5.1	SND
13053	411031.6	3695401.6	-4.9	SND
13054	411029.7	3695406.3	-4.9	SND
13055	411027.4	3695411.1	-4.9	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13056	411025.1	3695415.8	-4.9	SND
13057	411022.6	3695420.5	-4.9	SND
13058	411019.8	3695425	-4.8	SND
13059	411017	3695429.4	-4.7	SND
13060	411014	3695433.7	-4.8	SND
13061	411010.9	3695437.9	-4.8	SND
13062	411007.6	3695442	-4.9	SND
13063	411004.3	3695446	-4.7	SND
13064	411000.9	3695449.9	-4.8	SND
13065	410997.5	3695453.8	-5	SND
13066	410993.9	3695457.7	-4.8	SND
13067	410990.4	3695461.6	-4.7	SND
13068	410986.8	3695465.5	-4.6	SND
13069	410983.2	3695469.4	-4.7	SND
13070	410979.8	3695473.1	-4.8	SND
13071	410976.2	3695477.3	-4.9	SND
13072	410972.9	3695481.4	-4.7	SND
13073	410969.5	3695485.7	-4.7	SND
13074	410966.6	3695490.1	-4.8	SND
13075	410963.7	3695494.7	-4.7	SND
13076	410961	3695499.3	-4.7	SND
13077	410958.5	3695504.2	-4.6	SND
13078	410956.2	3695508.9	-4.5	SND
13079	410953.9	3695514	-4.5	SND
13080	410951.9	3695518.9	-4.4	SND
13081	410949.9	3695524.1	-4.4	SND
13082	410948	3695529	-4.4	SND
13083	410946.1	3695534.2	-4.5	SND
13084	410944.4	3695539.2	-4.5	SND
13085	410942.7	3695544.4	-4.4	SND
13086	410941.1	3695549.4	-4.4	SND
13087	410939.5	3695554.4	-4.4	SND
13088	410938.1	3695559.3	-4.5	SND
13089	410936.8	3695564.3	-4.4	SND
13090	410935.5	3695569.6	-4.4	SND
13091	410934.5	3695574.9	-4.5	SND
13092	410933.7	3695580.4	-4.5	SND
13093	410932.2	3695585.4	-4.6	SND
13094	410931	3695590.6	-4.5	SND
13095	410930.3	3695595.9	-4.5	SND
13096	410929.1	3695601.2	-4.7	SND
13097	410927.9	3695606.2	-4.6	SND
13098	410926.5	3695611.4	-4.6	SND
13099	410925.1	3695616.4	-4.6	SND
13100	410923.5	3695621.5	-4.8	SND
13101	410921.9	3695626.4	-4.8	SND
13102	410920.1	3695631.4	-4.7	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13103	410918.2	3695636.1	-4.6	SND
13104	410916.1	3695641	-4.7	SND
13105	410913.9	3695645.8	-4.5	SND
13106	410911.4	3695650.4	-4.6	SND
13107	410908.9	3695655	-4.7	SND
13108	410906.3	3695659.5	-4.6	SND
13109	410903.6	3695663.9	-4.7	SND
13110	410900.9	3695668.4	-4.6	SND
13111	410898.2	3695672.8	-4.6	SND
13112	410895.5	3695677.2	-4.6	SND
13113	410892.8	3695681.7	-4.6	SND
13114	410890.1	3695686.2	-4.6	SND
13115	410887.4	3695690.7	-4.6	SND
13116	410884.8	3695695.2	-4.2	SND
13117	410882.2	3695699.9	-4.3	SND
13118	410879.7	3695704.3	-4.4	SND
13119	410877.1	3695709.1	-4.5	SND
13120	410874.8	3695713.8	-4.4	SND
13121	410872.4	3695718.7	-4.5	SND
13122	410870.1	3695723.5	-4.4	SND
13123	410867.8	3695728.4	-4.5	SND
13124	410865.6	3695733.2	-4.4	SND
13125	410863.4	3695738.2	-4.3	SND
13126	410861.4	3695743	-4.4	SND
13127	410859.4	3695748	-4.4	SND
13128	410857.6	3695752.9	-4.5	SND
13129	410855.9	3695758	-4.3	SND
13130	410854.3	3695763	-4.3	SND
13131	410852.6	3695768.2	-4.4	SND
13132	410850.9	3695773.1	-4.4	SND
13133	410849	3695778.2	-4.5	SND
13134	410847.1	3695782.9	-4.7	SND
13135	410845	3695787.8	-4.6	SND
13136	410842.8	3695792.7	-4.7	SND
13137	410840.6	3695797.4	-4.4	SND
13138	410838.3	3695802.1	-4.4	SND
13139	410836	3695806.8	-4.5	SND
13140	410833.7	3695811.5	-4.5	SND
13141	410831	3695816.8	-4.2	SND
13142	410828.7	3695821.3	-4.5	SND
13143	410826.2	3695826.1	-4.6	SND
13144	410823.7	3695830.7	-4.8	SND
13145	410821.1	3695835.4	-4.6	SND
13146	410818.5	3695839.9	-4.7	SND
13147	410815.7	3695844.5	-4.7	SND
13148	410813	3695848.9	-4.8	SND
13149	410810.1	3695853.5	-4.8	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13150	410807.4	3695857.7	-4.7	SND
13151	410804.4	3695862.2	-4.7	SND
13152	410801.4	3695866.6	-4.6	SND
13153	410798.5	3695871	-4.4	SND
13154	410795.6	3695875.3	-4.2	SND
13155	410792.6	3695879.6	-3.9	SND
13156	410789.5	3695883.9	-4	SND
13157	410786.5	3695888.1	-4.1	SND
13158	410783.3	3695892.4	-4	SND
13159	410780.1	3695896.5	-3.9	SND
13160	410776.8	3695900.7	-3.9	SND
13161	410773.4	3695904.8	-4	SND
13162	410770.1	3695908.8	-3.8	SND
13163	410766.6	3695912.8	-3.9	SND
13164	410763.1	3695916.7	-3.8	SND
13165	410759.3	3695920.9	-3.7	SND
13166	410755.9	3695924.8	-3.6	SND
13167	410752.5	3695928.8	-3.5	SND
13168	410749.1	3695932.9	-3.6	SND
13169	410745.9	3695937.1	-3.7	SND
13170	410742.8	3695941.4	-3.5	SND
13171	410739.9	3695945.8	-3.5	SND
13172	410737.1	3695950.3	-3.3	SND
13173	410734.4	3695954.9	-3.5	SND
13174	410731.7	3695959.6	-3.6	SND
13175	410729.2	3695964.3	-3.6	SND
13176	410726.6	3695969	-3.6	SND
13177	410724.1	3695973.7	-3.6	SND
13178	410721.7	3695978.5	-3.6	SND
13179	410719.3	3695983.3	-3.6	SND
13180	410717.1	3695988.1	-3.7	SND
13181	410714.9	3695992.7	-3.6	SND
13182	410712.6	3695997.8	-3.7	SND
13183	410710.5	3696002.6	-3.6	SND
13184	410708.4	3696007.7	-3.6	SND
13185	410706.4	3696012.6	-3.5	SND
13186	410704.3	3696017.6	-3.7	SND
13187	410702.3	3696022.5	-3.8	SND
13188	410700.1	3696027.4	-2.8	SND
13189	410698	3696032.2	-3.8	SND
13190	410695.8	3696037.1	-3.8	SND
13191	410693.7	3696041.8	-3.8	SND
13192	410691.5	3696046.7	-3.8	SND
13193	410689.3	3696051.4	-3.9	SND
13194	410687	3696056.3	-3.9	SND
13195	410684.8	3696061	-3.8	SND
13196	410682.4	3696065.9	-3.7	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13197	410680.1	3696070.5	-3.8	SND
13198	410677.7	3696075.1	-3.9	SND
13199	410675.2	3696079.8	-4	SND
13200	410672.6	3696084.5	-3.9	SND
13201	410670.2	3696088.9	-4	SND
13202	410667.6	3696093.5	-4	SND
13203	410664.8	3696098.2	-4.1	SND
13204	410662.2	3696102.6	-4.1	SND
13205	410659.4	3696107.2	-4.1	SND
13206	410656.6	3696111.5	-4.1	SND
13207	410653.7	3696116	-4	SND
13208	410650.5	3696120.7	-3.9	SND
13209	410647.5	3696125.1	-4	SND
13210	410644.5	3696129.4	-3.9	SND
13211	410641.5	3696133.7	-4	SND
13212	410638.4	3696137.9	-4	SND
13213	410635.3	3696142.1	-4	SND
13214	410632.2	3696146.2	-4	SND
13215	410628.9	3696150.5	-4.2	SND
13216	410625.7	3696154.6	-4.1	SND
13217	410622.4	3696158.9	-4.2	SND
13218	410619.2	3696163	-4.1	SND
13219	410615.3	3696168	-4.3	SND
13220	410612	3696172.2	-4	SND
13221	410608.9	3696176.3	-4	SND
13222	410605.6	3696180.6	-4.1	SND
13223	410602.4	3696184.7	-4.1	SND
13224	410599.2	3696189	-3.9	SND
13225	410596.2	3696193.2	-4	SND
13226	410593.1	3696197.6	-3.6	SND
13227	410590.1	3696201.9	-4	SND
13228	410587.1	3696206.3	-4.1	SND
13229	410584	3696211	-4.1	SND
13230	410581	3696215.5	-4.2	SND
13231	410578.2	3696220	-4.5	SND
13232	410575.4	3696224.7	-4.5	SND
13233	410572.8	3696229.3	-4.3	SND
13234	410570.1	3696234	-4.4	SND
13235	410567.5	3696238.6	-4.2	SND
13236	410564.7	3696243.2	-4.2	SND
13237	410562.1	3696247.7	-3.9	SND
13238	410559.2	3696252.3	-4.1	SND
13239	410556.5	3696256.8	-4.2	SND
13240	410553.6	3696261.3	-4.1	SND
13241	410550.7	3696265.7	-3.9	SND
13242	410547.7	3696270.1	-3.8	SND
13243	410544.7	3696274.4	-3.9	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13244	410541.8	3696278.6	-3.9	SND
13245	410538.7	3696282.8	-3.8	SND
13246	410535.5	3696287.1	-3.7	SND
13247	410532.3	3696291.4	-3.7	SND
13248	410529	3696295.5	-3.8	SND
13249	410525.7	3696299.7	-3.7	SND
13250	410522.4	3696303.8	-3.7	SND
13251	410519	3696307.9	-3.8	SND
13252	410515.6	3696311.9	-3.9	SND
13253	410512.2	3696315.9	-3.8	SND
13254	410508.8	3696319.9	-3.8	SND
13255	410505.3	3696323.9	-3.8	SND
13256	410501.8	3696327.9	-3.6	SND
13257	410498.3	3696331.8	-3.8	SND
13258	410494.7	3696335.7	-3.9	SND
13259	410491.1	3696339.5	-4.1	SND
13260	410487.7	3696343.2	-4.1	SND
13261	410483.9	3696347.1	-4	SND
13262	410480.2	3696350.8	-3.8	SND
13263	410476.4	3696354.6	-3.8	SND
13264	410472.6	3696358.2	-3.6	SND
13265	410468.8	3696362	-3.7	SND
13266	410465	3696365.6	-4	SND
13267	410460.9	3696369.7	-3.9	SND
13268	410457.2	3696373.4	-3.9	SND
13269	410453.5	3696377.2	-4.1	SND
13270	410449.8	3696381	-3.9	SND
13271	410446.2	3696384.7	-4	SND
13272	410442.5	3696388.5	-4	SND
13273	410438.9	3696392.4	-4	SND
13274	410435.2	3696396.2	-3.6	SND
13275	410431.4	3696399.9	-3.9	SND
13276	410427.8	3696403.5	-3.9	SND
13277	410424	3696407.3	-3.8	SND
13278	410408	3696403.7	-3.3	SND
13279	410403.3	3696405.7	-3.1	SND
13280	410398.8	3696408	-3	SND
13281	410393.8	3696410.5	-2.9	SND
13282	410389.1	3696413.4	-2.9	SND
13283	410384.8	3696416.1	-2.9	SND
13284	410380.5	3696419.1	-2.9	SND
13285	410376.3	3696422.3	-2.9	SND
13286	410372.1	3696425.6	-3	SND
13287	410366.6	3696430	-2.8	SND
13288	410362.5	3696433.7	-2.9	SND
13289	410358.6	3696437.2	-2.9	SND
13290	410354.5	3696441.1	-2.9	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13291	410350.8	3696444.8	-2.8	SND
13292	410347	3696448.8	-2.8	SND
13293	410343.8	3696452.9	-2.9	SND
13294	410340.4	3696457.9	-3	SND
13295	410337.7	3696462.3	-3	SND
13296	410335	3696467.1	-3.1	SND
13297	410332.7	3696471.5	-3	SND
13298	410330.3	3696476.1	-3.1	SND
13299	410327.9	3696481.1	-2.9	SND
13300	410325.7	3696485.7	-2.9	SND
13301	410323.7	3696490.4	-3.3	SND
13302	410321.7	3696495	-3.3	SND
13303	410319.7	3696499.6	-3.3	SND
13304	410317.3	3696504.7	-3.5	SND
13305	410314.5	3696510	-3.4	SND
13306	410311.8	3696514.3	-3.6	SND
13307	410308.9	3696518.6	-3.7	SND
13308	410305.5	3696522.9	-3.7	SND
13309	410302.1	3696526.6	-3.7	SND
13310	410298.3	3696530.5	-3.5	SND
13311	410294.2	3696534.2	-3.6	SND
13312	410290.2	3696537.7	-3.3	SND
13313	410285.9	3696541.2	-3.1	SND
13314	410281.7	3696544.4	-3.2	SND
13315	410277.4	3696547.8	-3.2	SND
13316	410273.2	3696551.1	-3.3	SND
13317	410268.9	3696554.6	-3.2	SND
13318	410264.8	3696558	-3.2	SND
13319	410260.7	3696561.7	-3.3	SND
13320	410256.9	3696565.5	-3.4	SND
13321	410253.4	3696569.1	-3.6	SND
13322	410249.9	3696572.8	-3.5	SND
13323	410246.1	3696576.7	-3.5	SND
13324	410242.4	3696580.6	-3.5	SND
13325	410238.8	3696584.3	-3.5	SND
13326	410235.3	3696587.9	-3.6	SND
13327	410231.8	3696591.5	-3.8	SND
13328	410228.3	3696595.1	-3.5	SND
13329	410224.9	3696598.8	-3.6	SND
13330	410221.4	3696602.9	-3.7	SND
13331	410218.2	3696606.8	-3.7	SND
13332	410215.1	3696610.8	-3.7	SND
13333	410211.9	3696615.3	-3.6	SND
13334	410209.1	3696619.5	-3.5	SND
13335	410206.3	3696623.8	-3.5	SND
13336	410203.2	3696628.4	-3.6	SND
13337	410200.4	3696632.6	-3.6	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13338	410197.4	3696636.7	-3.6	SND
13339	410194.1	3696641	-3.6	SND
13340	410190.6	3696645.4	-3.6	SND
13341	410187.1	3696649.3	-3.6	SND
13342	410183.4	3696653.4	-3.6	SND
13343	410179.9	3696657.2	-3.5	SND
13344	410176.3	3696661.2	-3.7	SND
13345	410172.6	3696665.3	-3.6	SND
13346	410169.1	3696669.4	-3.6	SND
13347	410165.6	3696673.7	-3.8	SND
13348	410162.2	3696678	-3.7	SND
13349	410158.9	3696682.5	-3.8	SND
13350	410155.8	3696687	-3.8	SND
13351	410153	3696691.3	-3.8	SND
13352	410150.3	3696695.8	-3.8	SND
13353	410147.4	3696700.5	-3.8	SND
13354	410144.8	3696704.8	-4	SND
13355	410142.2	3696709.2	-4	SND
13356	410139.3	3696713.9	-3.9	SND
13357	410136.5	3696718.5	-3.9	SND
13358	410133.8	3696722.9	-4	SND
13359	410130.8	3696727.5	-4.2	SND
13360	410128	3696731.7	-4.4	SND
13361	410125.1	3696735.9	-4.2	SND
13362	410122	3696740.3	-4.4	SND
13363	410119.1	3696744.4	-4.5	SND
13364	410116	3696748.5	-4.5	SND
13365	410112.8	3696752.9	-4.5	SND
13366	410109.5	3696757.4	-4.5	SND
13367	410106.3	3696761.9	-4.6	SND
13368	410103.4	3696766	-4.5	SND
13369	410100.6	3696770.2	-4.5	SND
13370	410097.5	3696774.8	-4.7	SND
13371	410094.8	3696779.1	-4.6	SND
13372	410092.1	3696783.5	-4.7	SND
13373	410089.3	3696788.2	-4.7	SND
13374	410086.8	3696793.1	-4.6	SND
13375	410084.4	3696797.8	-4.8	SND
13376	410082.1	3696802.4	-4.9	SND
13377	410079.8	3696807	-4.9	SND
13378	410077.4	3696811.5	-4.9	SND
13379	410074.9	3696816.1	-5	SND
13380	410072.5	3696820.5	-4.7	SND
13381	410070	3696824.9	-4.9	SND
13382	410067.5	3696829.4	-5.1	SND
13383	410064.9	3696833.9	-5	SND
13384	410062.2	3696838.7	-5	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13385	410059.5	3696843.1	-5	SND
13386	410056.8	3696847.5	-4.9	SND
13387	410053.9	3696852.2	-5	SND
13388	410051.1	3696856.5	-5	SND
13389	410047.7	3696861.6	-5.1	SND
13390	410044.8	3696865.9	-5.1	SND
13391	410041.6	3696870.5	-5	SND
13392	410038.8	3696874.7	-5	SND
13393	410035.8	3696879	-5.2	SND
13394	410033	3696883.3	-5.4	SND
13395	410030.1	3696887.7	-5.4	SND
13396	410027.2	3696892.4	-5.3	SND
13397	410024.4	3696896.8	-5.3	SND
13398	410021.5	3696901.7	-5.4	SND
13399	410018.8	3696906.1	-5.4	SND
13400	410015.8	3696911	-5.4	SND
13401	410013.2	3696915.3	-5.3	SND
13402	410010.5	3696919.8	-5.3	SND
13403	410007.8	3696924	-5.3	SND
13404	410005	3696928.4	-5.4	SND
13405	410002.2	3696932.7	-5.3	SND
13406	409999.4	3696936.9	-5.3	SND
13407	409996.5	3696941.1	-5.5	SND
13408	409993.4	3696945.7	-5.4	SND
13409	409990.4	3696949.9	-5.6	SND
13410	409987.4	3696954.1	-5.5	SND
13411	409984.3	3696958.2	-5.6	SND
13412	409981.2	3696962.4	-5.5	SND
13413	409978.2	3696966.4	-5.8	SND
13414	409975.2	3696970.5	-5.7	SND
13415	409972.1	3696974.6	-5.5	SND
13416	409968.9	3696978.7	-5.7	SND
13417	409965.8	3696982.7	-5.7	SND
13418	409962.7	3696986.7	-5.7	SND
13419	409959.5	3696990.8	-5.5	SND
13420	409956.3	3696995	-5.7	SND
13421	409953.3	3696999	-5.7	SND
13422	409950.3	3697003.2	-5.6	SND
13423	409947.3	3697007.4	-5.6	SND
13424	409944.4	3697011.7	-5.4	SND
13425	409941.6	3697015.9	-5.6	SND
13426	409938.5	3697020.5	-5.6	SND
13427	409935.7	3697024.9	-5.4	SND
13428	409932.8	3697029.4	-5.4	SND
13429	409930.1	3697033.7	-5.3	SND
13430	409927.3	3697038	-5.3	SND
13431	409924.7	3697042.4	-5.2	SND



# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13432	409921.9	3697046.8	-5.4	SND
13433	409919.4	3697051.2	-5.4	SND
13434	409916.8	3697055.6	-5.4	SND
13435	409914.3	3697060.1	-5.4	SND
13436	409911.6	3697064.8	-5.2	SND
13437	409909.2	3697069.3	-5.3	SND
13438	409906.8	3697073.9	-5	SND
13439	409904.5	3697078.5	-5.2	SND
13440	409902.2	3697083.3	-5.2	SND
13441	409900.1	3697087.9	-5.1	SND
13442	409898	3697092.6	-5	SND
13443	409895.9	3697097.7	-5	SND
13444	409893.1	3697104.7	-5	SND
13445	409891.4	3697109.6	-5	SND
13446	409889.7	3697114.4	-5	SND
13447	409888	3697119.3	-5.1	SND
13448	409885.8	3697125	-5	SND
13449	409884	3697129.8	-4.9	SND
13450	409882.1	3697134.6	-4.9	SND
13451	409879.9	3697139.7	-4.9	SND
13452	409877.7	3697144.9	-4.8	SND
13453	409875.4	3697149.9	-4.8	SND
13454	409873.4	3697154.5	-4.8	SND
13455	409871.3	3697159.2	-4.8	SND
13456	409869.4	3697163.8	-4.8	SND
13457	409867.5	3697168.5	-4.8	SND
13458	409865.5	3697173.1	-4.8	SND
13459	409863.6	3697177.9	-4.8	SND
13460	409862.5	3697182.8	-4.9	SND
13461	409861.2	3697187.7	-5	SND
13462	409859.7	3697192.7	-4.9	SND
13463	409858.3	3697197.6	-4.8	SND
13464	409856.8	3697202.6	-4.6	SND
13465	409855.3	3697207.4	-4.6	SND
13466	409853.9	3697212.2	-4.6	SND
13467	409852.3	3697217.1	-4.4	SND
13468	409850.8	3697222	-4.6	SND
13469	409849.2	3697227.3	-4.7	SND
13470	409847.7	3697232.1	-4.5	SND
13471	409846.2	3697237	-4.1	SND
13472	409844.3	3697242.8	-4.5	SND
13473	409842.8	3697247.7	-4.5	SND
13474	409841.1	3697253	-4.5	SND
13475	409839.3	3697258.4	-4.2	SND
13476	409837.7	3697263.7	-4.4	SND
13477	409836.1	3697268.7	-4.3	SND
13478	409834.3	3697273.8	-4.1	SND

# TOPOGRAPHIC SURVEY TRANSECTS

<b>FILE NAME:</b> T-49.csv		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
13479	409832.5	3697279.1	-4.2	SND
13480	409830.7	3697283.8	-4.2	SND
13481	409828.8	3697288.6	-4.1	SND
13482	409826.5	3697293.5	-4.2	SND
13483	409823.6	3697299.5	-4.4	SND
13484	409821	3697304.5	-4.1	SND
13485	409818.4	3697309.2	-4.2	SND
13486	409815.7	3697314	-4.1	SND
13487	409813	3697318.7	-4.1	SND
13488	409810.6	3697323.1	-4	SND
13489	409808.2	3697327.5	-3.9	SND
13490	409805.7	3697332.4	-3.7	SND
13491	409803.7	3697337	-3.8	SND
13492	409801.7	3697341.8	-4	SND
13493	409799.8	3697346.9	-4	SND
13494	409798.1	3697351.7	-3.9	SND
13495	409796.2	3697356.6	-4	SND
13496	409794.3	3697361.5	-4	SND
13497	409792.3	3697366.6	-3.9	SND
13498	409790.3	3697371.3	-3.8	SND
13499	409788.4	3697376	-3.9	SND
13500	409786.2	3697381	-4.1	SND
13501	409784.2	3697385.7	-3.7	SND
13502	409782.1	3697390.4	-3.2	SND
13503	409779.5	3697396.5	-3.2	SND
13504	409777.3	3697401.5	-3.1	SND
13505	409775.3	3697406.1	-3.1	SND
13506	409773.4	3697410.8	-2.9	SND
13507	409771.3	3697415.8	-2.7	SND
13508	409769.1	3697421	-2.9	SND

# AVERAGE MARSH ELEVATIONS

<b>FILE NAME:</b> ME-1.CSV		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5477	414973.06	3690020.34	1.32	MR_
5478	414985.88	3690018.96	1.2	MR_
5479	415007.12	3690016.45	2.09	MR_
5480	415027.22	3690014.4	1.37	MR_
5481	415046.68	3690012.57	1.18	MR_
5482	415051.42	3689981.24	1.29	MR_
5483	415032.18	3689986.42	1.59	MR_
5484	415016.28	3689983.57	1.5	MR_
5485	415016.39	3689983.56	1.5	MR_
5486	415000.28	3689989.42	1.37	MR_
5487	414977.82	3689990.39	1.09	MR_
5488	414967.87	3689954.73	1.12	MR_
5489	414986.82	3689949.39	1.54	MR_
5490	415006.16	3689946.79	1.5	MR_
5491	415014.39	3689939.17	1.11	MR_
5492	415035.55	3689943.89	1.32	MR_
5493	415052.73	3689942.56	1.66	MR_
5494	415069.19	3689941.71	1.63	MR_
5495	415069.02	3689906.61	1.25	MR_
5496	415052.84	3689903	1.26	MR_
5497	415041.89	3689903.19	1.03	MR_
5498	415031.33	3689911.6	1.79	MR_
5499	415006.89	3689901.79	1.23	MR_

# AVERAGE MARSH ELEVATIONS

<b>FILE NAME:</b> ME-2.CSV		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5425	413585.67	3692903.67	1.44	MR_
5426	413595.42	3692931.67	1.21	MR_
5427	413597.67	3692953.76	1.59	MR_
5428	413600.97	3692970.04	1.43	MR_
5429	413608.26	3692991.26	2.13	MR_
5430	413636.27	3692988.29	1.37	MR_
5431	413618.9	3692952.81	1.46	MR_
5432	413616.75	3692939.25	1.82	MR_
5433	413604.53	3692920.44	1.54	MR_
5434	413592.27	3692908.62	1.61	MR_
5435	413604.52	3692891.71	1.59	MR_
5436	413619.24	3692892.15	1.44	MR_
5437	413638.69	3692898.13	2.04	MR_
5438	413657.18	3692907.01	1.67	MR_
5439	413675.14	3692909.79	1.63	MR_
5440	413655.32	3692943.36	1.78	MR_
5441	413642.16	3692932.57	1.82	MR_
5442	413628.67	3692920.03	1.82	MR_
5443	413584.32	3692951.06	1.82	MR_
5444	413577.72	3692992.44	1.47	MR_
5445	413577.9	3692992.49	1.47	MR_
5446	413614.91	3692997.43	1.6	MR_
5447	413618.99	3692975.95	1.55	MR_
5448	413658.13	3692983.93	1.74	MR_
5449	413637.41	3692986.7	1.49	MR_

AVERAGE MARSH ELEVATION

<b>FILE NAME:</b> ME-3.CSV		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5349	410774.11	3692897.5	1.56	MR_
5350	410781.11	3692887.76	1.73	MR_
5351	410798.94	3692880.95	1.65	MR_
5352	410806.52	3692870.08	1.73	MR_
5353	410817.92	3692861.82	1.96	MR_
5354	410825.62	3692877.65	1.69	MR_
5355	410810.6	3692889.86	1.58	MR_
5356	410803.44	3692900.22	1.8	MR_
5357	410794.01	3692908.45	1.34	MR_
5358	410783.23	3692911.53	1.59	MR_
5359	410792.47	3692937.88	1.54	MR_
5360	410809.15	3692919.83	1.54	MR_
5361	410819.49	3692910.9	1.68	MR_
5362	410836.44	3692894.02	1.84	MR_
5363	410852.15	3692887.68	1.7	MR_
5364	410869.16	3692907.45	1.58	MR_
5365	410849.37	3692922.99	1.76	MR_
5366	410838.99	3692938.72	2.01	MR_
5367	410823.48	3692948.05	1.63	MR_
5368	410807.96	3692958.78	1.94	MR_
5369	410793.69	3692969.99	1.87	MR_



# AVERAGE MARSH ELEVATIONS

<b>FILE NAME:</b> ME-4.CSV		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5450	411296.83	3696846.79	1.2	MR_
5451	411300.88	3696863.14	1.29	MR_
5452	411304.72	3696880.02	1.29	MR_
5453	411308.66	3696892.9	1.35	MR_
5454	411313.22	3696908.52	1.2	MR_
5455	411334.95	3696907.04	1.42	MR_
5456	411331.84	3696897.63	1.3	MR_
5457	411331.83	3696885.37	1.42	MR_
5458	411332.21	3696870.27	1.2	MR_
5459	411332.25	3696851.46	1.21	MR_
5460	411332.4	3696834.61	1.82	MR_
5461	411366.32	3696826.96	1.2	MR_
5462	411370.03	3696839.55	1.09	MR_
5463	411371.69	3696851.72	1.38	MR_
5464	411371.95	3696866.25	1.35	MR_
5465	411371.79	3696887.62	1.3	MR_
5466	411371.46	3696909.06	1.14	MR_
5467	411395.62	3696913.64	1.41	MR_
5468	411394.21	3696898.23	1.34	MR_
5469	411394.96	3696883.6	1.26	MR_
5470	411397.29	3696865.81	1.19	MR_
5471	411400.33	3696844.24	1.31	MR_
5472	411431.46	3696846.37	1.25	MR_
5473	411433.74	3696857.37	1.39	MR_
5474	411436.65	3696875.19	1.27	MR_
5475	411440.7	3696899.36	1.41	MR_
5476	411444.13	3696918.11	1.35	MR_

# AVERAGE RIDGE ELEVATIONS

<b>FILE NAME:</b> RE-1.CSV		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5401	414463.61	3688319.24	1.24	MR_
5402	414468.7	3688314.11	1.53	MR_
5403	414472.95	3688311.72	1.41	MR_
5404	414479.83	3688305.1	1.66	MR_
5405	414501.45	3688331.52	2.01	MR_
5406	414494.58	3688336.26	1.46	MR_
5407	414486.67	3688341.95	1.39	MR_
5408	414481.68	3688344.36	1.3	MR_
5409	414498.22	3688364.47	1.35	MR_
5410	414504.14	3688358.98	1.43	MR_
5411	414509.14	3688355.88	1.55	MR_
5412	414512.9	3688350.56	1.54	MR_
5413	414516.06	3688345.74	1.78	MR_
5414	414543.09	3688374.37	1.16	MR_
5415	414542.55	3688376.01	2	MR_
5416	414537.1	3688381.36	1.8	MR_
5417	414529.69	3688390.15	1.36	MR_
5418	414526.36	3688394.37	1.54	MR_
5419	414543.18	3688418.71	1.4	MR_
5420	414546.63	3688414.22	1.85	MR_
5421	414552.21	3688410.47	1.5	MR_
5422	414557.97	3688407.18	1.64	MR_
5423	414562.8	3688403.04	2.42	MR_
5424	414565.45	3688401.76	2.2	MR_

# AVERAGE RIDGE ELEVATIONS

<b>FILE NAME:</b> RE-2.CSV		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5373	412799	3691162.61	1.76	MR_
5374	412808.33	3691174.72	1.62	MR_
5375	412818.38	3691175.73	1.32	MR_
5376	412825.75	3691179.64	1.45	MR_
5377	412838.74	3691186.34	1.19	MR_
5380	412846.18	3691219.26	1.32	MR_
5381	412825.69	3691219.12	1.26	MR_
5382	412811.26	3691219.16	1.25	MR_
5383	412809.91	3691251.21	1.37	MR_
5384	412821.82	3691253.47	1.42	MR_
5385	412833.24	3691254.36	1.28	MR_
5386	412844.89	3691255.84	1.33	MR_
5387	412856.55	3691260.23	0.94	MR_
5388	412854.55	3691303.27	1.47	MR_
5389	412842.75	3691308.49	1.59	MR_
5390	412830.5	3691312.22	1.35	MR_
5391	412821.29	3691317.93	1.21	MR_

# AVERAGE RIDGE ELEVATIONS

<b>FILE NAME:</b> RE-3.CSV		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
5315	410521.06	3694398.57	2.67	TBK_
5316	410519.18	3694403.68	3.45	GRND_
5317	410514.43	3694410.5	3.48	GRND_
5318	410511.71	3694416.06	3.14	GRND_
5319	410489	3694410.47	3.55	GRND_
5320	410491.4	3694404.79	4.04	GRND_
5321	410492.61	3694398.31	3.71	GRND_
5322	410494.3	3694394.26	3.35	GRND_
5323	410493.8	3694388.12	2.73	TBK_
5324	410532.56	3694430.71	3.08	GRND_
5325	410539.66	3694424.33	2.61	GRND_
5326	410544.01	3694415.58	2.79	GRND_
5327	410546.54	3694410.22	2.94	GRND_
5328	410548.46	3694407.92	2.43	TBK_
5329	410571.39	3694417.65	2.79	TBK_
5330	410567.59	3694421.22	3.04	GRND_
5331	410564.4	3694427.46	2.78	GRND_
5332	410560.33	3694430.14	2.97	GRND_
5333	410556.91	3694436.29	2.5	GRND_
5334	410572.95	3694444.7	2.5	GRND_
5335	410581.56	3694438.75	3.21	GRND_
5336	410583.24	3694433.33	3.65	GRND_
5337	410585.07	3694429.73	4.1	GRND_
5338	410586.1	3694426.22	3.37	GRND_
5339	410586.4	3694422.22	2.66	TBK_

# AVERAGE RIDGE ELEVATIONS

<b>FILE NAME:</b> RE-4.CSV		<b>CONTRACTOR</b> PBS&J		
<b>COORD REF:</b> Louisiana State Plane		<b>HORIZ DATUM:</b> NAD83		
<b>ZONE:</b> South FIPS - 1702		<b>VERT DATUM:</b> NAVD88		
<b>UNITS:</b> US Feet		<b>SURVEY DATE</b> 10/2008		
ID	NORTHING	EASTING	ELEV	DESC
4974	409314.09	3696857.97	1.6	GRND_
4975	409314.7	3696868.82	2.04	GRND_
4976	409316.28	3696887.07	1.79	GRND_
4977	409310.06	3696900.86	1.6	GRND_
4978	409291.6	3696904.36	1.91	GRND_
4979	409289.98	3696888.5	1.69	GRND_
4980	409291.97	3696873.2	1.77	GRND_
4981	409296.92	3696860.11	1.69	GRND_
4982	409263.5	3696859.25	1.61	GRND_
4983	409263.12	3696873.59	2.14	GRND_
4984	409262.84	3696890.14	1.66	GRND_
4985	409256.34	3696904.08	1.76	GRND_
4986	409228.57	3696899.18	1.63	GRND_
4987	409228.84	3696882.5	1.77	GRND_
4988	409229.02	3696865.3	1.77	GRND_
4989	409228.66	3696848.82	1.52	GRND_
4990	409200.37	3696853.83	1.75	GRND_
4991	409194.11	3696863.66	1.85	GRND_
4992	409194.29	3696883.11	2.04	GRND_
4993	409203.12	3696894.79	1.76	GRND_



## **Appendix C**

### ***Survey Field Notes***

5A-48

BAYOU DUPONT MARSH  
CREATION AND RIDGE  
RESTORATION SURVEY

EQUIPMENT: TRIMBLE 5800 BASE  
TRIMBLE 5800 ROVER  
TSC2 DATA COLLECTOR

BASE @ BASMA BA23-SM-02

HI: 1.75m

10 CHECK SHOT BA41-SM-01  
HR: 2.0m (6.562')

11 CHECK ON DNR GAUGE  
HR: 2.55'

12 CHECK ON DNR GAUGE  
HR: 2.55'

NOTE: 2.55' FROM BOTTOM OF  
BUBBLE MOUNT TO ARP.

10-12

10-8-08<sup>2</sup>

SCARSE CLOUDS  
COOL

J. FORDJON  
B. GEARHEART  
N. BASHAM  
A. BORGENS

FILE: BA-48\_100808.dc

-DNR DEEP ROD MON

-REFERENCE NAIL ON DNR GAUGE

-3.33' MARK ON CERAMIC STAFF  
GAUGE

3.33 MARK ON GAUGE = 3.54'  
Δ + 0.21'

4.0' REF. NAIL = 4.28'  
Δ + 0.28'

BA-48 SURVEY  
CONT'D

\* SAME EQUIPMENT  
FILE: BA-48\_100908.dc

BASE @ BA-23-SM-02  
HI: 1.75m

13 CHECK ON BA41-SM-01  
HR: 6.562' (2.0m)

14 TBM MATT

15 CHECK ON TBM MATT

NOTE: TBM MATT SET FOR  
CONTRACTOR'S USE ONLY.  
MONUMENT IS CLOSE TO  
THE WORK SITE PROVIDING  
EASIER ACCESS. FREQUENT  
TIES INTO THE DNR  
SECONDARY NETWORK WILL BE  
MADE.

10-9-08<sup>3</sup>

CLOUDY, COOL  
BREEZY

J. BORDELON  
B. GEALHART  
M. BASHAM  
A. BOWENS

- DNR DEEP-ROD MON.

- 4' DEEP W/ PLASTIC YELLOW CAP  
SET NEAR WORKSITE  
TOPO SHOT FOR QC CHECK

BA-48 SURVEY  
SET STAFF GAUGE

LAT: 29-38-05.13° N HR: 2:55'  
LON: 90-03-02.83° W

16 TOP OF 4"x4" POST (TOPO SHOT)  
~~#6A~~ " " " " (OBSERVED CON.)  
19  $\Delta = -0.03'$

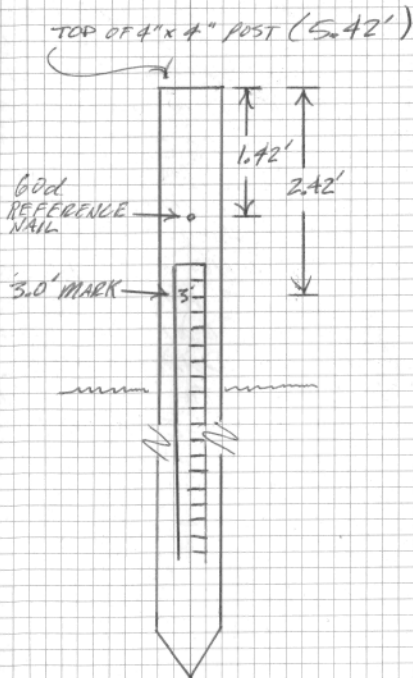
17 SHANK GOD REF. NAIL  
18 " " " "

NOTE: ELEVATIONS ESTABLISHED  
USING BA23-SM-02 AS  
BASE CONTROL W/ RTK GPS.  
ELEVATIONS PROVIDED BY  
LA DNR ARE NAVD 88  
ESTABLISHED WITH GPS  
USING GEOID 99.

ERROR FOUND IN THE DNR  
GAUGE (PAGE 2) MAY BE A  
RESULT OF USING A GEOID  
MODEL OTHER THAN GEOID 99.

SHADE GREEN

10-9-08<sup>4</sup>  
CLOUDY, COOL



# BA-48 SURVEY

SET GAUGE

DESCRIPTION

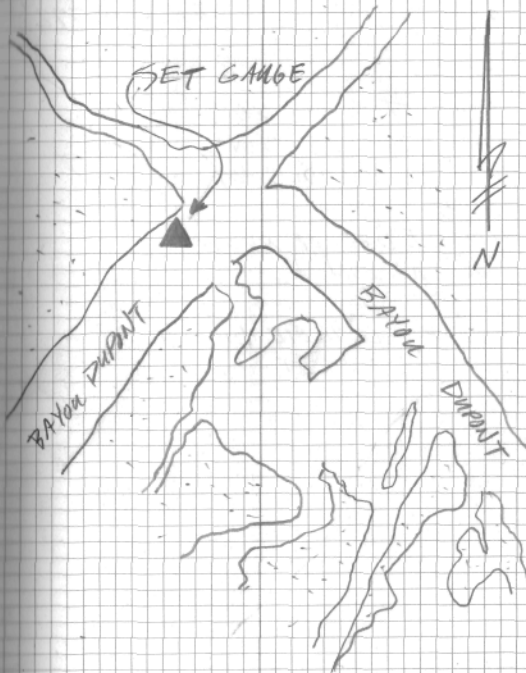
FROM THE CAM DOCK  
IN LAFITTE, LA, TRAVEL  
SOUTH BY BOAT DOWN THE  
BARATARIA WATER WAY  
0.9 mi TO TIE OPENING  
TO "THE PEN" ON THE  
LEFT. GO INTO THE PEN  
AND FOLLOW THE SOUTH  
SHORELINE FOR 1.7 mi  
TO THE MOUTH OF BAYOU  
DUPONT. CONTINUE DOWN  
BAYOU DUPONT FOR  
1.4 mi TO THE GAUGE  
ON THE LEFT BANK.

SAME CREW

10-9-08

P. CLOUDY

## VICINITY SKETCH





BA-18 SURVEY  
MAGNETOMETER

LINE: M-5

PARTIAL START → 11:07A  
END → 11:10A - SHALLOW WATER

LINE: M-6

PARTIAL ST → 11:19A - SHALLOW WATER  
END → 11:26A

LINE: M-7

PARTIAL ST → 11:36A  
END → 11:39A - SHALLOW WATER

PARTIAL M-8

ST → 11:45A  
END → 11:51A

LINE: M-9

PARTIAL ST → 11:58A  
END → 12:04P - SHALLOW WATER

LINE: M-10

PARTIAL ST → 12:11P  
END → 12:14P

10-12-08

CLOUDY, ~~BREEZY~~  
WINDY

J. BARDEEN  
M. BORDEN  
N. BASHAW

BOAT: PBS+J PEE-WEE

MAG: 6882 on SLED

SOFTWARE: TRIMBLE HYDROPRO

NAVIGATION: TRIMBLE DGPS

LINE: M-11

PARTIAL ST → 12:21P  
END → 12:23P

LINE: M-12

PARTIAL ST → 12:33P  
END → 12:36P

LINE: M-13

PARTIAL ST → 12:43P  
END → 12:46P SHALLOW WATER

BA-48 SURVEY  
MAGNETOMETER CONT'D

LINE: M-19 (CENTERLINE OF BAYOU DUPOUX)  
COMPLETE ST → 12:50P  
END → 13:39P

LINE: M-15  
COMPLETE/PARTIAL ST → 13:46P  
END → 13:49P

LINE: # M-16  
PARTIAL ST → 13:51P  
END → 13:53P VERY WINDY

LINE: M-17  
PARTIAL ST → 13:58P  
END → 14:01 VERY WINDY

LINE: M-18  
PARTIAL ST → 14:04  
END → 14:06 VERY WINDY

SAME CREW

10-12-08

P. CLOUDY  
WINDY

\* SAME EQUIPMENT \* (PAGE 7)

LINE: M-1  
PARTIAL ST → 14:16 VERY WINDY  
END → 14:17

LINE: M-2  
PARTIAL ST → 14:22 VERY WINDY  
END → 14:24

LINE: M-3  
PARTIAL ST → 14:28  
END → 14:31

LINE: M-4  
PARTIAL ST → 14:34  
END → 14:37

LINE: M-5 (CONT'D)  
PARTIAL ST → 14:43  
END → 14:45

# BA-48 SURVEY TOPO GRAPHIC

EQUIPMENT: TOPCON GR3 BASE  
 TOPCON GR3 ROVER  
 TDS KANGER W/  
 SURVEY PRO

BASE @ 14

1000	CHK ON GAUGE	HC: 2.485'
1001-	LINE T-1	"
1013	TOPO	" 6.49'
1014-	"	HC: <del>6.562</del>
1082	"	"
1083-	"	HC: 9.63'
1088	"	"
1089-	"	HC: 6.49'
1105	"	"

~~100~~ 1/2" PVC PIPE "

LINE	<del>T-2</del> T-3
1106	1/2" PVC PIPE (T-3)
1107	" "

10-17-08 12

J. BARDEN  
 W. BASHAR

CLOUDY, WARM

TEAM MATT

TOP OF 4" x 4" POST

NOTE: CHANGE TO 6.49'  
~~2.00m~~ \*  
 W/ 6" FOOT

6.49' + 3.14' EXT.

CHANGE HC BACK TO 6.49'

~~OVERWRITE PT. 100~~

STAKE-OUT	BASELINE	PT <del>101</del> 102
"	BASELINE	" 100

BA-48 SURVEY  
TOPO CONT'D

\* SAME EQUIPMENT \*

LINE T-~~2~~<sup>3</sup> CONT'D

1108 - TOPO

HC: 6.49'

1193

"

"

LINE T-2

1194 - TOPO

HC: 6.49'

1274 - TOPO

"

1275 - 50 101 - 1/2" PVC PIPE

1276 - CHK ON STAFF GANGE ~~HC: 2.105~~

HC: 2.105'

10-17-08<sup>13</sup>

SAME CREW

CLOUDY, WARM

DESCRIPTIONS:

SET BASELINE PVC ON PT 101

TOP OF 4"x4" POST

BA-18 SURVEY  
 TOPO CONTROL

EQUIPMENT: TOPCON GR3 BASE  
 TOPCON GR3 ROVER  
 TDS RANGER  
 W/ SURVEY PRO

BASE @ 14 HI: 6.562'

1277 CHK ON GANGE HR: 2.485'

LINE: T-4 (10,000 - 10,094 SO)

1288- TOPO HR: 6.49'

1402

1403 BASELINE STAKE "

LINE: T-5

~~1404 BASELINE STAKE "~~

1404- TOPO

HR: 6.49'

1517

"

LINE: T-17

1578- TOPO

HR: 6.49'

1660

"

"

10-18-08

14

J. BURDELOW  
 M. BASHAM

CLEAR, COOL

DESCRIPTIONS:

TOP OF 4"x4" POST

1/2 PVC PIPE: LINE T-4

~~1/2 PVC PIPE: LINE T-5~~  
 \* TOO WINDY \*

LINE NOT COMPLETE!!



BA-10 SURVEY  
 TOPO CONT'd

SAME EQUIPMENT

LINE: T-16

1661 - TOPO  
 1768 "

HR: 6.49'

LINE: T-15

1769 - TOPO  
 1896 "

HR: 6.49'  
 "

LINE: T-14

1897 - TOPO  
 2045 "

HR: 6.49'  
 "

LINE: T-13

2046 - TOPO  
 2184

HR: 6.49'

~~T-12~~

LINE: T-12

2185 - TOPO  
 2284

HR: 6.49'

10-18-08  
 CLEAR, COOL

SAME CREW

LINE: T-11

2285 - TOPO  
 2399 "

HR: 6.49'  
 "

LINE: T-10

2400 - TOPO  
 2520 "

HR: 6.49'

LINE: T-9

2527 - TOPO  
 2644

HR: 6.49'

LINE: T-8 (INCOMPLETE)

2645 - TOPO  
 2688 "

HR: 6.49'

BA-48 SURVEY  
TOPOGRAPHIC CONTROL

EQUIPMENT: TOPCON GR-3 BASE  
TOPCON GR-3 POWER  
TDS RANGER W/  
SURVEY PICO

BASE @ TISM MATT PT. #14  
H.I.: 6.562'

2089 CHECK ON GANGE H.I.: 2.485'

LINE: T-5 (COMPLETE)

2690 - TOPO

2726 "

H.I.: 2.485'

LINE: T-6

2727 - TOPO

2860 "

H.I.: ~~6.49'~~

" 5.72'

10-19-08

16

J. BOEDDLE  
M. BASHAM

CLEAR, COOL

CHECK ON TOP OF 4"x4" POST  
STAFF GANGE USED BY FISHERMEN  
FOR TYING BOAT. ELEVATION  
WRONG BY  $\pm 0.7'$ . THIS STAFF  
GANGE MAY NOT BE USABLE

→ CHANGE H.I. TO ~~6.49'~~  
5.72'

NOTE: ADJUSTABLE POLE SET ON  
~~1.782'~~ 1.782 m (5.72')

BA-40 SURVEY  
 TOPO CONT'D

2861 STAKE BASELINE PT T-6

LINE: T-7

2862- TOPO

HR. ~~6.49'~~

2865 "

5.72'

2866- TOPO

HR. 6.49'

2997

"

LINE: T-8 (COMPLETE PARTIAL)

2998- TOPO

HR. 6.49'

3051

"

"

LINE: T-18

3052- TOPO

HR. 6.49'

3064

"

"

3065 STAKE BASELINE PT T-18

3066- TOPO

HR. 6.49'

3209

"

"

LINE: T-19

3210- TOPO

HR. 6.49'

3304

"

"

10-19-08 11

\* SAME CREW

SUNNY, COOL

1/2" PVC PIPE

→ ADJ. PILE SET ON 1.782m  
 (5.72')

PARTIAL LINE SURVEYED 10-18-08

1/2" PVC PIPE

154-48 SURVEY  
 TOPO CONT'D

LINE: T-20

3365- TOPO

NR: 6.49'

3369 "

3370- TOPO

NR: 9.63'

3447 "

3448 - "

NR: 6.49'

3524 "

LINE: T-21

3525- TOPO

NR: 6.49'

3676 "

"

10-19-08 19

\* SAME CREW

BA-48 SURVEY  
 TOPO CONT'D

EQUIPMENT: TOPCON GR3 BASE  
 TOPCON GR3 ROVER  
 TDS RANGER w/  
 SURVEY PRO

BASE @ 14 (TSM7 MATT) Ht. 6.562'

3677 CHK 3.53' Ht. 2.485'  
 "

LINE 3 T-22

3678- TOPO Ht. 6.49'  
 3851 " "

LINE: T-23

3852- TOPO Ht. 6.49'  
 4041 " "

LINE: T-24

4042- TOPO Ht. 6.49'  
 4192 " "

LINE: T-25

→ OVER

10-21-08

20

J. BRIDELON  
 M. BASHAM

SUNNY, COOL

1/2" REBAR w/ CAP

3.33' MARK ON DNR GANGE

BA-48 SURVEY  
TOPO CONT'D

LINE: T-25

4193- TOPO

4392 "

H/R: 6.49'

"

LINE: T-26

4393- TOPO

4533 "

H/R: 6.49'

"

LINE: T-27

4534- TOPO

4660 "

H/R: 6.49'

LINE: T-28

4661- TOPO

4739 "

H/R: 6.49'

LINE: T-45

4740- TOPO

4772 "

H/R: 6.49'

LINE: T-41

4773- TOPO

10-21-08

21

SAME CREW

SUNNY, BREEZY



BA-48 SURVEY  
 TOPO CONT'D

LINE: T-41 CONT'D

4773- TOPO  
 4800 "

HIC: 6.49'  
 "

LINE: T-42  
 4801- TOPO  
 4833 "

HIC: 6.49'  
 "

LINE: T-43  
 4834- TOPO  
 4864 "

HIC: 6.49'  
 "

LINE: T-44  
 4865- TOPO  
 4898 "

HIC: 6.49'  
 "

4899- PILING  
 4902 "

HIC: 6.49'

LINE: T-40  
 4903- TOPO  
 4930 "

HIC: 6.49'  
 "

10-21-08<sup>22</sup>

TIME CREW

SUNNY, BREEZY

BA-48 SURVEY  
TOPO CENTER

LINE: T-39

4937- TOPO

HR: 6.49'

4973 "

"

RE-4:

4974- TOPO

HR: 6.49'

4993 "

LINE: T-46

4994- TOPO

HR: 6.49'

5008 "

5000 "

5001 "

HR: 9.63'

5008 "

LINE: T-48

5009- TOPO

HR: 6.49'

5106 "

"

5107 "

HR: 9.63'

5117

10-21-08 23

NAME CREW

RIDGE ELEVATION SURVEY



CHANGE HR: TO 9.63'

BA-18 SURVEY  
 TOPO CONT'd

LINE: T-34 (INCOMPLETE)

5118 - TOPO HIC: 6.49'

5124 "

5125 - " HIC: 9.63'

5153 "

LINE: T-35 (INCOMPLETE)

5154 - TOPO HIC: 9.63'

5158 "

10-21-08 25

NAME CARD

BA-48 SURVEY  
 TOPO CONT'D

EQUIPMENT: TOPCON GRS BASE  
 TOPCON GRS ROVER  
 TDS RANGER w/  
 SURVEY PRO

BASE @ 14 HI: 6,562'

LINE: T-35 (CONT'D)  
 5159- TOPO HI: 9.63'  
 5163 " "

LINE: T-36  
 5164- TOPO HI: 9.63'  
 5178 " "

LINE: T-37  
 5179- TOPO HI: 9.63'  
 5200 " "

LINE: T-38  
 5201- TOPO HI: 9.63'  
 5239 " "

M. BASHAM  
 J. BORDECON

10-22-08 20  
 CLOUDY  
 CLOUDY

LINE: T-37 (CONT'D)  
 5240- TOPO HI: 9.63'  
 5267 " "

LINE: T-36 (CONT'D)  
 5268- TOPO HI: 9.63'  
 5294 " "

LINE: T-35 (CONT'D)  
 5295- TOPO HI: 9.63'  
 5314 " "

~~LINE: T-34 (CONT'D)~~  
~~5315~~ ~~HI: 9.63'~~

BA-18 SURVEY  
 TOPO CONT'd

RE-3

5315- TOPO

HR: 9.63'

5339

"

"

19

CONTROL POINT

5340 CHK ON 14

HR: 6.562'

LINE: T-34 (CONT'd)

5341- TOPO

HR: 6.562'

5348

"

ME-3

5349- TOPO

HR: 6.562'

5369

"

RE-2

5370- TOPO

HR: 6.562'

5391

"

"

10-22-08 21

DAME CREW

1' RTBIR w/ CAP

QC. CHECK ON TBM MATT

MARSH ELEVATION SURVEY

RIDGE ELEVATION SURVEY

BA-18 SURVEY  
 TOPO CONT'd

LINE: T-47

5392 - TOPO

HR: 6.562'

5393 "

5394 "

HR: 9.63'

5400

RE-1

5401 - TOPO

HR: 6.562'

5424 "

"

~~ME-1~~ ME-2

5425 - TOPO

HR: 6.562'

5449

ME-4-

~~ME-4-~~

HR: 6.562'

5450 - TOPO

"

5476

"

10-22-08<sup>20</sup>

SAME CREW



BA-48 SURVEY  
TOPO CONT'D

ME-1

5477- TOPO

HR: 6.562'

5499 "

LINE: T-1 (GAPS)

5500- TOPO

HR: 9.63'

5508 "

"

5509- "

5557 "

10-22-08

21

NAME CREW

BA-18 SURVEY  
TOPO CONT'D

EQUIPMENT: TOPCON GR-3 BASE  
TOPCON GR-3 ROVER  
TDS RANGING w/  
SURVEY PRO

BASE @ 14

HR: 6.562'

STAKEOUT BASELINE:

5588	BASELINE POINT	T-28
5589	"	" T-27
5590	"	" T-26
5591	"	" T-25
5592	"	" T-24
5593	"	" T-23

LINE: T-17 (GAPS)

5594- TOPO  
5607 "

HR: 6.49'  
"

LINE: T-16 (GAPS)

5608- TOPO  
5625 "

10-23-08 30

J. BARDELOW  
H. BASHAM

CLOUDY, WINDY  
RAINY

TBM MATT

- REDO \*  
- REDO \*

VERY  
WINDY!!

BA-18 SURVEY  
 TOPO CONT'D

10-23-08 32

SAME CREW

LINE: T-13 (GAPS)

5626 - TOPO H/L: 6.562'

5634 " " "

5635 - " H/L: 9.630'

5659

LINE: T-11 (GAPS)

5660 - TOPO H/L: 9.630'

5667 "

LINE: T-9 (GAPS)

5668 - TOPO

5689 "

LINE: T-4 (GAPS)

5690 - TOPO H/L: 9.63'

5698 " "

LINE: T-3 (GAPS) H/L: 9.63

5699 - TOPO "

5717 " "

5718 - " "

5760 " "

5765 " "

BA-48 SURVEY  
TOPO CONT'D

LINE: T-3 (GAPS CONT'D) 9.43'  
5766- TOPO HIC: 6.562  
5772 " "

LINE: T-2 (GAPS)  
5773- TOPO HIC: 9.63'  
5779 " "  
5780 TOPO HIC: 6.49'  
5823 " "

\* CLOUDY AND ~~WINDY~~  
RAINY. CANNOT MAINTAIN  
RTK FIX

SAME CREW

10-23-08<sup>33</sup>  
RAINY, WINDY

BA-48 SURVEY  
TOPO GRAPHIC

\* SAME EQUIPMENT (PAGE 30)

LINE: T-2 (GAPS)

5850- TOPO

Hgt: 6.49'

5865 "

"

5866- TOPO

Hgt: 6.49'

5876 "

LINE: T-1 (GAPS)

5877- TOPO

Hgt: 6.49'

5888 "

5889- TOPO

Hgt: 6.49'

5916 "

LINE: T-29 (GAPS)

5917- TOPO

Hgt: 6.49'

5930 "

"

5939- TOPO

"

5952 "

"

J. BURDELOW  
N. MITCHELL

10-24-00  
CLOUDY, COLD  
WINDY

BA 48 SURVEY  
TOPO GRAPHIC

LINE: T-30 (GAPS)

5953-	TOPO	Ht: 6.49'
5963	"	"
5964-	TOPO	"
5971	"	"

LINE: T-31 (GAPS)

5972-	TOPO	Ht: 6.44'
5983	"	"
5984-	TOPO	"
5990	"	"

LINE: T-32 (GAPS)

5991-	TOPO	Ht: 6.49'
6000	"	"
6001-	TOPO	"
6009	"	"

LINE: T-33 (GAPS)

6010-	TOPO	Ht: 6.49'
6020	"	"

X SAME CREW

10-24-08 36  
COLD, WINDY