

# RESTORE ACT Direct Component Multiyear Plan Narrative

OMB Approval No. 1505-0250

Eligible Applicant Name: Vermilion Parish Police Jury

## Name and Contact Information of the Person to be contacted (POC) on matters concerning this Multiyear Implementation Plan:

POC Name: Linda Duhon

POC Title: Vermilion Parish Administrator

POC Email: linda.duhon@yahoo.com

POC Phone: +1 (337) 898-4300

## B. PROVIDE A BRIEF NARRATIVE THAT DEMONSTRATES:

### 1. The need, purpose, and objectives for each activity, including a detailed description of each activity.

#### A. CLOSURE OF 2 BREACHES ON THE NORTH SHORE OF VERMILION BAY

The shoreline of Vermilion Bay is critical to the protection of interior marshes located around the perimeter of the Bay. Of particular importance is the north shoreline of Vermilion Bay which protects the fragile marsh lands located between Vermilion Bay and the Gulf Intracoastal Waterway (GIWW). In this area between Four Mile Canal and Boston Canal, two (2) breaches have developed in this north shoreline which allow for exchange of the high salinity water from Vermilion Bay with the fresh/brackish waters of these interior marshes. This has resulted in the degradation of these marshes near Vermilion Bay and a considerable area surrounding these breaches will also be impacted as a result of the network of canals in the area. This project proposes to install sheet pile cut off walls across the two (2) channels that connect to the locations breached in the north shore of Vermilion Bay to prevent further deterioration of the interior marshes. Shoreline retreat rates of the north shore of Vermilion Bay have been documented to be between 4 and 6.3 feet per year. To insure that this project has at least a 20 year life, the structure is proposed to be set back approximately 200' from the current shoreline. The channel that connects to the breaches in the shoreline has depths of approximately 5-6' with banks on each side at approximate elevation of +1.5' with adjacent marsh elevation around 0.9'. The proposed sheet pile cut off wall will be built to a height slightly higher than the existing channel banks.

#### B. VERMILION PARISH HURRICANE PROTECTION SYSTEM - PHASE I

With the close proximity of a substantial portion of the Vermilion Parish population (East Abbeville, Erath, Delcambre and surrounding rural areas) to Vermilion Bay (less than 8 miles), the first step in providing flood protection for Vermilion Parish is developing a means of reducing storm surges to the low lying areas in this area in eastern Vermilion Parish. As demonstrated during Hurricanes Rita and Ike, flooding from the Delcambre Canal and Bayou Tigre, in addition to over-land surge, resulted in the flooding of this entire area. Iberia Parish is currently pursuing a flood protection system which would include a levee and a flood control structure in the Delcambre Canal. Vermilion Parish is also working to construct a flood control structure and a pump station in Bayou Tigre, which would complement the system being pursued in Iberia Parish. It is imperative that both Parishes work together to provide systems that function together to protect their residents. The flood control structure in Bayou Tigre, along with levee segments which will tie this structure to the levee being proposed on the east side of the parish line by Iberia Parish, and Louisiana Highway 330 on the west side of the structure is the first step in the flood protection for the portion of Vermilion Parish most vulnerable to hurricane surge inundation (the east side of the Parish). LA Hwy 330 is constructed at an elevation higher than adjacent ground, and providing a levee segment, which would connect the flood control structure in Bayou Tigre with LA Hwy. 330 would be a significant first step in the flood protection of the east side of Vermilion Parish.

State funding is currently in place for the Bayou Tigre flood control structure and pump station.

This project provides for the construction of a levee segment on each side of the Bayou Tigre flood control structure - to the Parish line on the east side and to LA Hwy. 330 on the west side.

### 2. How the applicant made the multiyear plan available for 45 days for public review and comment, in a manner calculated to obtain broad-based participation from individuals, businesses, Indian tribes, and non-profit organizations, such as through public meetings, presentations in languages other than English, and postings on the Internet. The applicant will need to submit documentation (e.g., a copy of public notices) to demonstrate that it made its multiyear plan available to the public for at least 45 days. In addition, describe how each activity in the plan was adopted after consideration of all meaningful input from the public.

Dates of Advertisement: 12/15/2015

Public Comment Period: 12/15/2015 - 2/2/2016

In regards to the availability to view the plan, an advertisement was published in the Abbeville Meridional newspaper which is the official journal of record for the Police Jury on December 15, 2015 informing the public of the availability of review of the Parish's

RESTORE Act Direct Component Multiyear Narrative and Plan Matrix. The public notice noted hard copies of the full Plan were available for review at the Parish Courthouse and provided a link to the document on the Parish's website. In addition, public announcements were made at the Police Jury meetings about the availability of these documents. The Multi-Year Narrative and Plan Matrix was made available for public review and comment from December 15, 2015 to February 2, 2016.

**3. How each activity included in the applicant's multiyear plan matrix is eligible for funding and meets all requirements under the RESTORE Act.**

**A. CLOSURE OF 2 BREACHES ON THE NORTH SHORE OF VERMILION BAY**

This project is eligible for funding under the Restore Act in several categories. As mentioned in Box 3 of the Multiyear Plan, this project "will provide restoration and protection of the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast Region". This much needed project has been the topic of many discussions as the impact of the inundation of high salinity water within the adjoining areas has been evident to many people. This project clearly meets the criteria for funding established in the Restore Act.

**B. VERMILION PARISH HURRICANE PROTECTION SYSTEM - PHASE I**

This project will provide an initial step in providing protection from flooding to the residents of southeastern Vermilion Parish. This project qualifies for the Restore Act funding in that it provides "Coastal flood protection and related infrastructure", as detailed in Box 3 of the Multiyear Plan. The construction of this levee clearly meets the criteria for funding established in the Restore Act.

**4. How the applicant will evaluate success of the activities included in the matrix.**

**A. CLOSURE OF 2 BREACHES ON THE NORTH SHORE OF VERMILION BAY**

The success and continued performance of this project will be evaluated by periodic visits to the site by Vermilion Parish Police Jury personnel as well as by personnel of the local drainage district in the area, the Prairie Gregg Gravity Drainage District. The drainage district has been a cooperative partner in this project from its initial conceptual stages and has pledged to cooperate with the Police Jury to make sure that it continues to function as intended. This partnership between the Police Jury and the drainage district will ensure the continued success of the project.

**B. VERMILION PARISH HURRICANE PROTECTION SYSTEM - PHASE I**

This project will be monitored and inspected periodically by personnel from the Vermilion Parish Police Jury. These inspections will insure the continued success of the project in providing flood protection to the citizens of this area.

**5. How the activities included in the multiyear plan matrix were prioritized and the criteria used to establish the priorities.**

The Vermilion Parish Coastal Protection Committee provides project prioritization for the various funding opportunities that the Police Jury pursues. This committee has developed a list of priority projects and both of these project have been discussed and considered for some time. The Closure of the 2 Breaches has received funding from the Police Jury for regulatory permitting with the hope that permits will be in place when Restore Act approval is obtained, making the project closer to shovel ready.

In the case of the Hurricane Protection System Project, this project is a high priority project that was identified in the Vermilion Parish Comprehensive Resiliency Plan which was adopted by the Police Jury in 2014. The Resiliency Plan was developed with a tremendous outreach effort that generated substantial public comments. These comments consistently indicated the need and the desire for flood protection.

**6. The relationship, if any, between the activities the applicant included in the multiyear plan matrix and other activities funded under the RESTORE Act.**

N/A

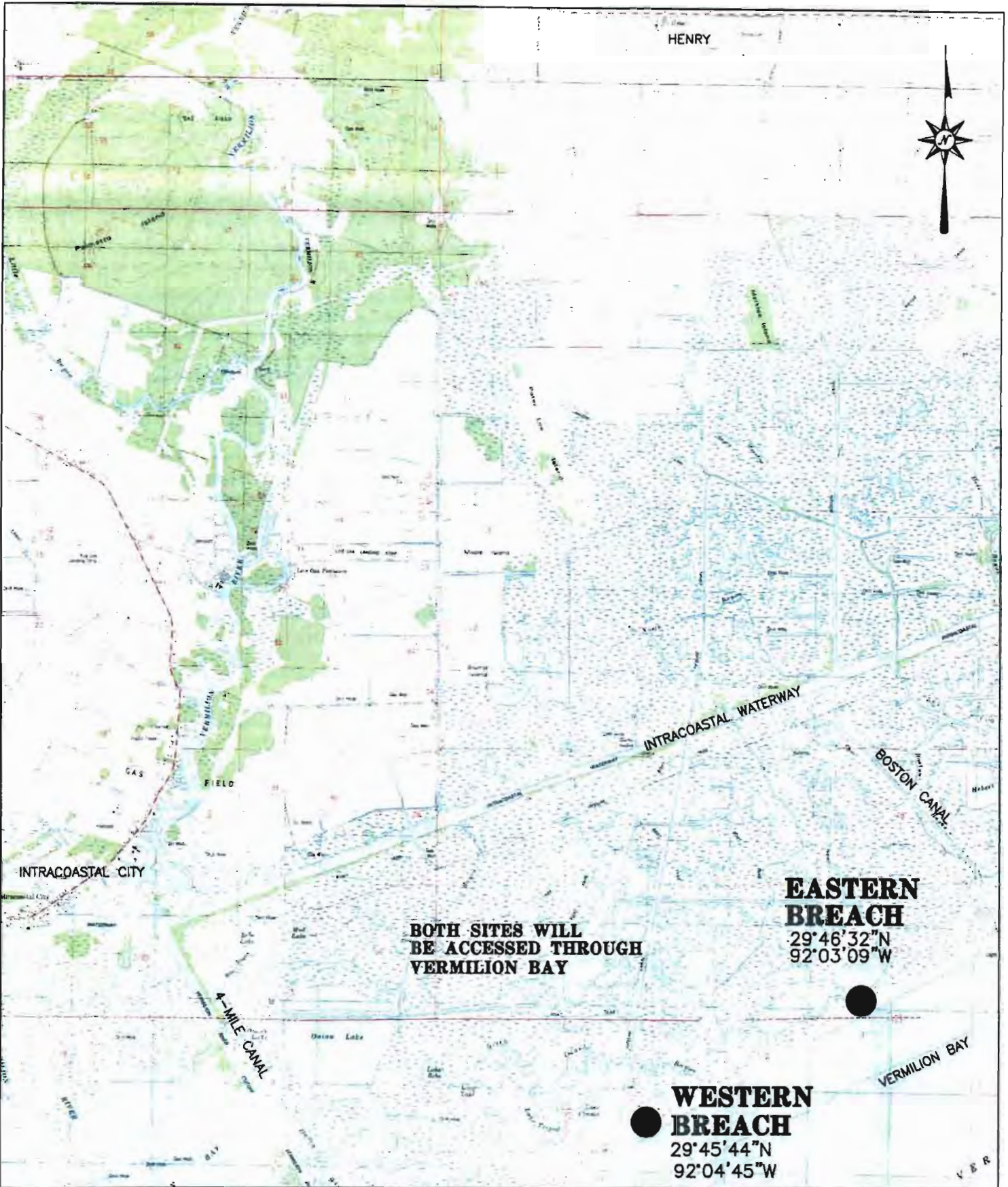
**RESTORE ACT Direct Component Multiyear Plan Matrix — Department of the Treasury**  
 Applicant Name: Vermilion Parish Police Jury

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1. CUMULATIVE DIRECT COMPONENT ALLOCATION AVAILABLE FOR DISTRIBUTION TO APPLICANT:		2. TOTAL ALLOCATIONS PLUS KNOWN FUNDS NOT YET DEPOSITED IN TRUST FUND FOR DIRECT COMPONENT:		9. Proposed End Date mm/yyyy	10. Actual End Date mm/yyyy (Static field)	11. Proposed High Level Milestones Further Described in Application					
3. Primary Direct Component Eligible Activity Further Described in Application (Static Field)	4. Activity Number and Activity Title (Static Field)	5. Location - Municipality(ies) (Static Field, locations also shown on attached map)	6. Total Funding Resources For Activity Budget (refer to Instructions)	7. Proposed Start Date mm/yyyy	8. Actual Start Date mm/yyyy (Static field)						
			6a. Direct Component Contribution	6b. Other RESTORE Act Contribution	6c. Other Third Party Contribution	6d. Total Project Budget					
Restoration and Protection of the Natural Resources, Ecosystems, Fisheries, Marine and Wildlife Habitats, Beaches, and Coastal Wetlands of the Gulf Coast Region	Closure of Two (2) Breaches on the North Shore of Vermilion Bay	Erath, LA (see location on attached map)	\$250,000.00	\$0.00	\$0.00	\$250,000.00	Mar-16	Jun-17			
Coastal Flood Protection and Related Infrastructure	Vermilion Parish Hurricane Protection System - Phase I	Delcambre, LA (see location on attached map)	\$268,869.83	\$0.00	\$0.00	\$268,869.83	Mar-16	Dec-17			
<b>12. TOTAL FUNDING FOR BUDGET (refer to Instructions)</b>			\$518,869.83	\$0.00	\$0.00	\$518,869.83					\$518,869.83

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 1505-0250. Comments concerning the time required to complete this information collection, including the time to review instructions, search existing data resources, gathering and maintaining the data needed, and completing and reviewing the collection of information, should be directed to the Department of the Treasury, RESTORE Act Program, 1500 Pennsylvania Ave., NW, Washington, DC 20220.

HENRY



**BOTH SITES WILL  
BE ACCESSED THROUGH  
VERMILION BAY**

**EASTERN  
BREACH**

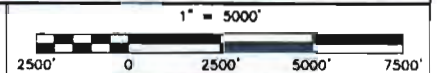
29°46'32"N  
92°03'09"W

**WESTERN  
BREACH**

29°45'44"N  
92°04'45"W

**LEGEND:**

● PROJECT LOCATION



DRAWN BY	T. VINCENT
DATE	NOVEMBER 2015
SCALE	1"=5000'
PROJECT	8613-01
FILE NO.	8613-01

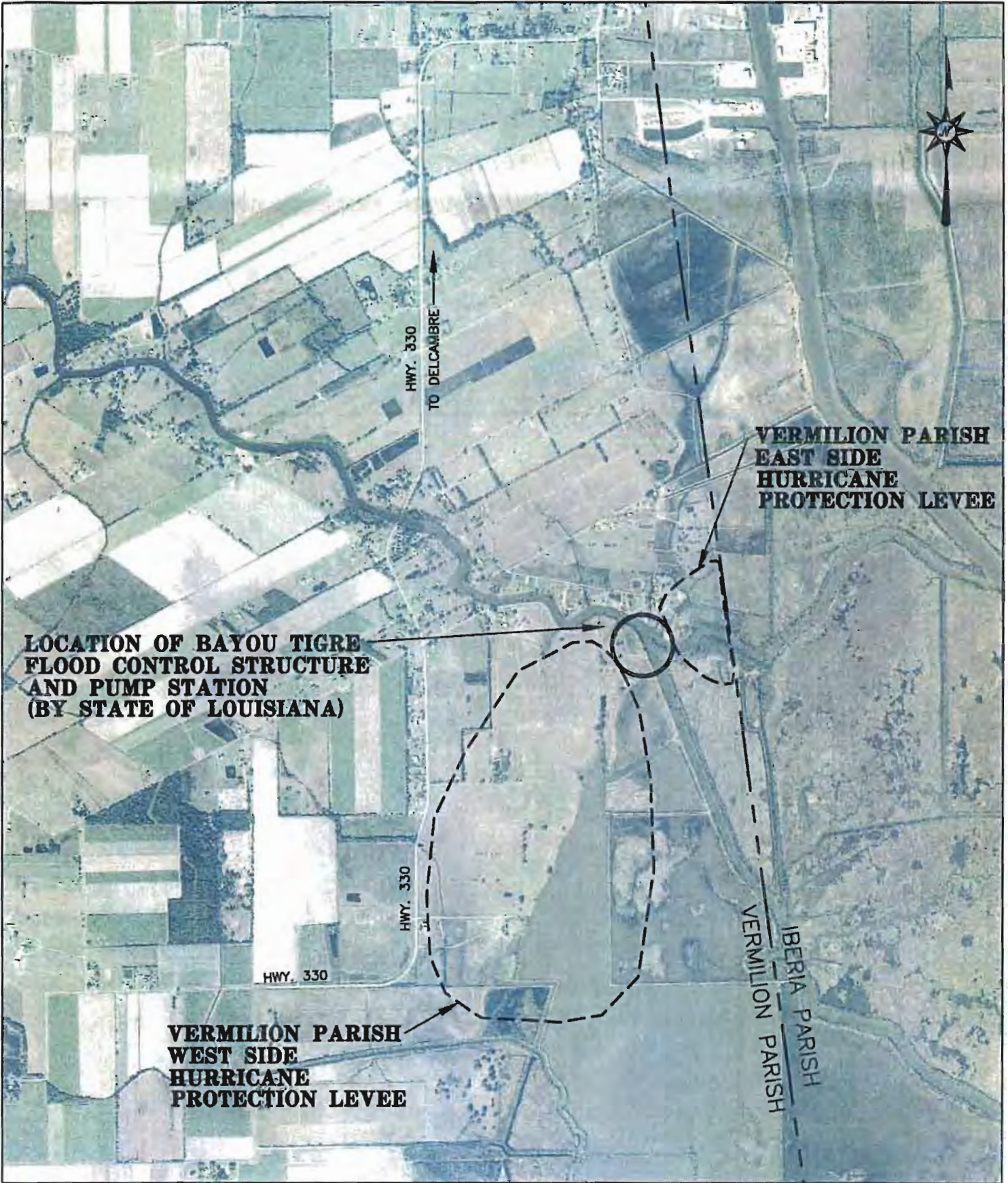


**Sellers & Associates, Inc.**  
ENGINEERS SURVEYORS PLANNERS  
148-B Sary Street, Lafayette, LA 70508 (807) 988-0777

**CLOSURE OF 2  
BREACHES ON THE NORTH SHORE  
OF VERMILION BAY**

VICINITY MAP

CLIENT	VERMILION PARISH POLICE JURY	SHEET NO.	1
PROJECT	BREACHES		
LOCATION	VERMILION PARISH, LOUISIANA		



**VERMILION PARISH  
EAST SIDE  
HURRICANE  
PROTECTION LEVEE**

**LOCATION OF BAYOU TIGRE  
FLOOD CONTROL STRUCTURE  
AND PUMP STATION  
(BY STATE OF LOUISIANA)**

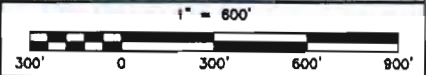
**VERMILION PARISH  
WEST SIDE  
HURRICANE  
PROTECTION LEVEE**

HWY. 330  
TO DELCAMPRE

HWY. 330

HWY. 330

VERMILION PARISH  
IBERIA PARISH



DESIGNED BY	T. VINCENT
DRAWN BY	J. FABRE
DATE	NOVEMBER 2015
SCALE	1"=600'
PROJECT	0613-01
FILE NO.	0613-01

**Sellers & Associates, Inc.**  
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**VERMILION PARISH  
HURRICANE PROTECTION SYSTEM  
PHASE I**

LOCATION MAP

CLIENT	VERMILION PARISH POLICE JURY
PROJECT	HURRICANE PROTECTION SYSTEM
LOCATION	VERMILION PARISH, LOUISIANA

SHEET NO.  
1