

RESTORE ACT Direct Component Multiyear Plan Matrix — Department of the Treasury		OMB Approval No. 1505-0250
Applicant Name:	Vermilion Parish Police Jury	

1. CUMULATIVE DIRECT COMPONENT ALLOCATION AVAILABLE FOR DISTRIBUTION TO APPLICANT:			\$594,579.12		2. TOTAL ALLOCATIONS PLUS KNOWN FUNDS NOT YET DEPOSITED IN TRUST FUND FOR DIRECT COMPONENT:				\$594,579.12		
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)	9. Proposed End Date mm/yyyy	10. Actual End Date mm/yyyy (Static Field)	11. Proposed High Level Milestones Further Described in Application
			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)	\$285,000.00	\$0.00	\$0.00	\$285,000.00	Feb-17		Feb-19		Preliminary Design Final Design Construction
Planning assistance	Vermilion Parish Hurricane Protection System - Segment 1A	Delcambre, LA (see location on attached map)	\$309,579.12	\$0.00	\$0.00	\$309,579.12	Feb-17		Feb-19		Preliminary Design Surveying Geotechnical Investigation Permitting & Environmental Property Acquisition
12. TOTAL FUNDING FOR BUDGET (refer to Instructions)			\$594,579.12	\$0.00	\$0.00	\$594,579.12					

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.

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 - SEGMENT 1A

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 would also like to provide a flood protection system to protect the residents of this area 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 State of Louisiana is in the design phase for a flood control structure and pump station on Bayou Tigre that will provide some protection to the residents of the area. 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 (this project) 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.

The Direct Component funds from the Transocean and Anadarko Penalty and Interest Deposits as of March 31, 2016 that is allocated to Vermilion Parish will pay for Planning Assistance activities for this project including surveying (property, magnetometer and topography), geotechnical investigations, preliminary design, permitting and environmental and property acquisition (Vermilion Parish understands that RESTORE Act funds will not be used for any kind of eminent domain activity or proceedings). Upon issuance of subsequent RESTORE Act settlement agreements or final judicial decisions and/or revenues from other sources (CPRA, Chenier Plain, GOMESA, HMGP, etc.) the Parish will submit a modified multiyear plan to Treasury to cover the future phases (final design and construction) of the levee segment of this project. This project is a conceptual plan at this time which envisions the construction of a levee segment on each side of the Bayou Tigre flood control structure - to the Parish line on the east side (where Iberia Parish's levee is proposed to end) and to LA Hwy. 330 on the west side. Approximately 1,500 linear feet of levee will be constructed on the east side of Bayou Tigre and approximately 7,500 linear feet of levee will be constructed on the west side of the structure. This initial construction

effort will be built to the maximum height possible with the available funds.

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- 02/02/2016

The Vermilion Parish Policy Jury made the multiyear plan available for public review and comment from 12/15/2015 to 02/02/2016. On December 15, 2015, an advertisement was published in the Abbeville Meridional newspaper, the official journal of record for the Police Jury, informing the public that the Parish's RESTORE Act Direct Component Multiyear Plan is available for public review and comment. 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. An announcement was made during the 12/21/2015 Vermilion Parish Policy Jury regular meeting, letting the public know that the comment period on the plan was open until 02/02/2016. Additionally, the plan was discussed at the Vermilion Parish Coastal Protection & Restoration Committee meeting on 01/20/2016.

Due to the fact that no public comments were received to the contrary, the recommended projects have been utilized in the multiyear plan and the Vermilion Parish Police Jury voted unanimously at their February 16, 2016 meeting authorizing the submission of the Vermilion Parish Multiyear Implementation & Expenditure Plan. In a letter dated February 29, 2016, the Vermilion Parish Police Jury President, Ronald Darby, approves submission of the multiyear plan to the Department of the Treasury for the Direct Component funds under the RESTORE Act.

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

The two (2) breaches allow for the exchange of high salinity water from Vermilion Bay with the fresh/brackish waters of these interior marshes. This has resulted in the degradation of the 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. The Closure of 2 Breaches on the North Shore of Vermilion Bay Project meets the eligible RESTORE Act Activity of, Restoration and protection of the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast Region, because the installation of the sheet pile cut off walls across the two (2) channels that connect to the locations breached in the north shore of Vermilion Bay will prevent further deterioration of the interior marshes located around the perimeter of the Bay and the impact of the inundation of high salinity water within the adjoining areas. Therefore 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. This project will be based on best available science at the application stage.

B. VERMILION PARISH HURRICANE PROTECTION SYSTEM - SEGMENT 1A

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. The activities for this project [surveying (property, magnetometer, and topography), geotechnical investigation, preliminary design, permitting and environmental, property acquisition] meet the eligible RESTORE Act Direct Component activity of planning assistance. However, the underlying project meets the eligible RESTORE Act Direct Component activity of Coastal flood protection and related infrastructure, because the construction of the levee will provide an initial step in providing protection from flooding to the residents of southeastern Vermilion Parish.

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 of the project is the closure of the breaches resulting in the prevention of further deterioration of the interior marshes located around the perimeter of the Bay and the impact to adjoining areas from high salinity water. This 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. As shown on the project Vicinity Map, both of the breaches are allowing exchange with a vast area of interior marsh bounded on the south by Vermilion Bay, on the north by the Intracoastal Waterway, on the west by 4-Mile Canal and on the east by Boston Canal. This area, which encompasses over 8,500 acres, is a complex hydrologic unit with several natural channels and lakes as well as several pipeline canals. The several hundred acre marshes directly adjacent to the breaches are areas that have

shown degradation over recent years and it is expected that the improved health of these marsh areas will be monitored as a success measure. 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 - SEGMENT 1A

The success of this project will be evaluated by the completion of planning assistance activities [surveying activities (property, magnetometer, and topography)], geotechnical investigation, preliminary design, permit and environmental, and property acquisition] and ultimately the final design for the construction of the levee segment.

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 is a committee of the Police Jury chaired by a Police Jury member and appointed by the President of the Police Jury. The members of the committee include two (2) Police Jurors that represent coastal districts of the Parish in addition to the Chairman, along with other members of the Parish that are active in the coastal areas of the Parish. In addition to the three (3) members of the Police Jury, the committee members include an employee of the LSU Ag Center, an employee and ex employee of Vermilion Corporation, which manages the surface rights of a large area of coastal Vermilion Parish, a coastal scientist that represents Vermilion Parish on coastal issues with state and federal agencies, several large property owners in southern part of the Vermilion Parish as well as other members with an interest in coastal issues in the parish.

The committee meets on a monthly basis and is constantly reviewing project needs along with funding opportunities. When a funding opportunity such as the Restore Act arises, current project needs are discussed and prioritized by a vote of the committee, which is then presented to the full Police Jury for review and approval. There are obviously many needs in the parish but the size and scope of the projects selected for the Restore Act are in line with the funding currently available.

The Breaches on Vermilion Bay have been discussed at committee meetings for almost 2 years. The need to repair these breaches has long been recognized but a funding source has not been available until now. The committee first reached out to the State of Louisiana Coastal Protection & Restoration Authority (CPRA) and requested their assistance in funding the repair to these breaches. No funds were available through that agency and when the Restore Act funds became available the committee selected this project based on the ongoing damage to the interior marshes.

The need for flood protection has been recognized by the committee for a considerable time. Vermilion Parish was successful in securing funding from the State for the design & construction of the flood control structure and pump station at Bayou Tigre. This project, which commenced several years ago, along with the planning for a flood control system in Iberia Parish provided the initial momentum for the pursuit of a flood control system in Vermilion Parish. The response from the substantial outreach effort conducted in conjunction with the Parish's Comprehensive Resiliency Plan, clearly demonstrated the desire for structural flood protection in the eastern and southern parts of Vermilion Parish. With the design of the Bayou Tigre structure recently hitting the milestone of 30% complete, the committee felt that to provide some additional protection the Hurricane Flood Protection System should be pursued with the funds currently available from the Restore Act.

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



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

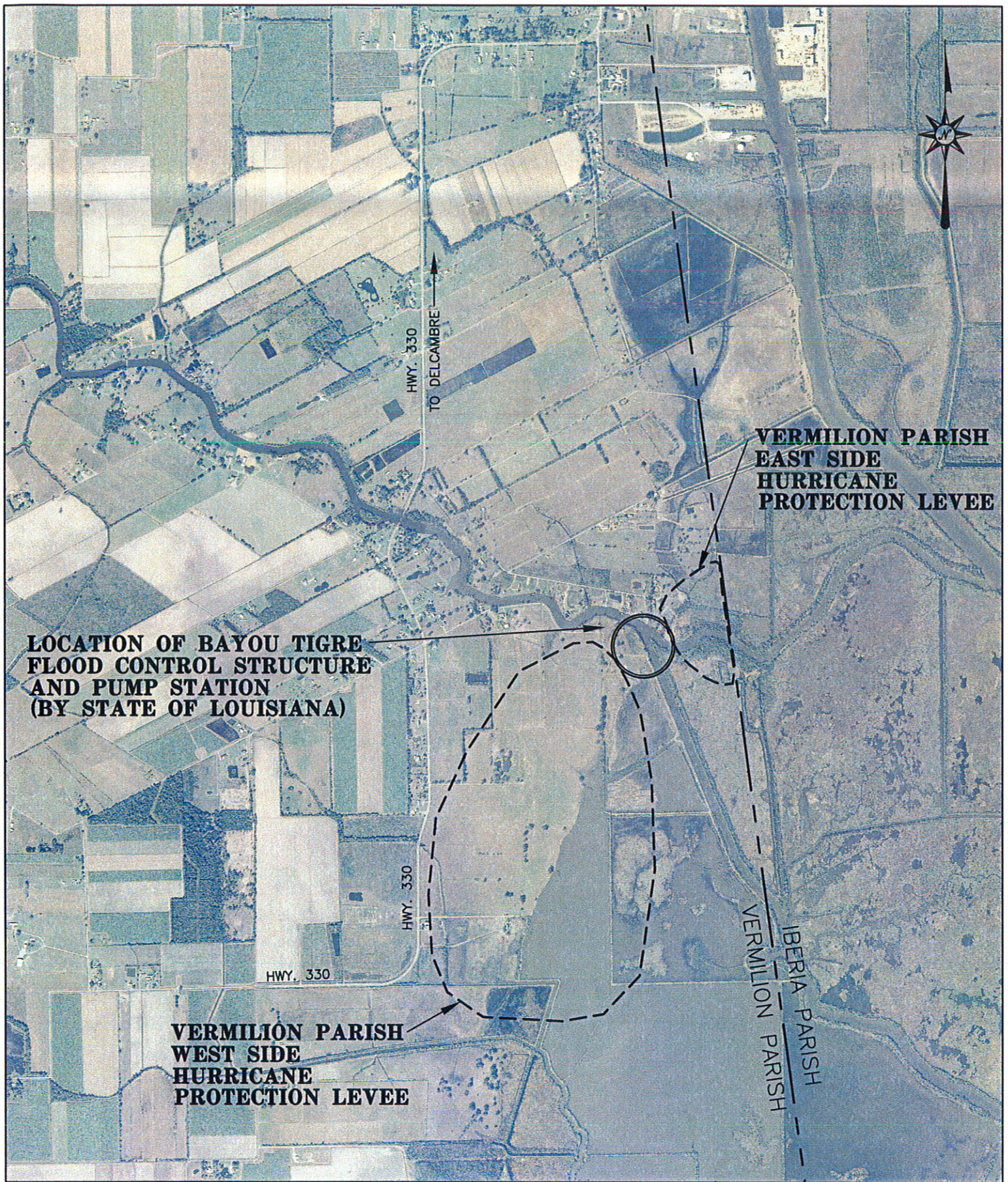


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**CLOSURE OF 2
BREACHES ON THE NORTH SHORE
OF VERMILION BAY**

VICINITY MAP

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



1" = 600'



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**VERMILION PARISH
HURRICANE PROTECTION SYSTEM
PHASE I**

LOCATION MAP

CLIENT	VERMILION PARISH POLICE JURY	SHEET NO.
PROJECT	HURRICANE PROTECTION SYSTEM	
LOCATION	VERMILION PARISH, LOUISIANA	1