



LOUISIANA NATURAL AND SCENIC RIVERS SYSTEM  
**PERMIT APPLICATION**

Permit # 975 (Assigned by Department)

The Louisiana Department of Wildlife and Fisheries' Scenic Rivers program is authorized by LRS title 56, Chapter 9 Part II. This law requires permits authorizing activities in or affecting rivers that have been designated by the Louisiana Legislature as Natural and Scenic. Information provided on this form will be used in evaluating the application for a permit. Information in this application is made a matter of public record through issuance of a public notice. Disclosure of the information requested is voluntary, however, the data requested is necessary in order to communicate with the applicant and to evaluate the permit application. If necessary information is not provided, the permit application cannot be processed nor can a permit be issued.

**APPLICANT INFORMATION**

Name of Applicant	Ascension Parish DPW	Name of Agent (if any)	Gregg Fell/NRP, LLC
Address	42077 Churchpoint Rd	Address	7478 Highland Road
City, State, Zip	Gonzales, LA	City, State, Zip	Baton Rouge, LA 70808
Phone	225.450.1340	Phone	225.928.5333
Email Address	broux@apgov.us	Email Address	gregg.fell@wetlandsreport.com

**DESCRIPTION OF THE PROPOSED ACTIVITY**

Brief summary of the description and purpose of the proposed activity (details to be attached as a separate document)

please see attached document

Is any portion of the activity complete?  YES or NO (If yes, indicate month and year of completion) August 2016 (pumps installed)

**LOCATION OF PROPOSED ACTIVITY**

**ADJACENT LANDOWNERS**

Stream Name	Bayou Manchac
Address	Bayou Manchac Road
City, State, Zip	Prairieville, LA 70769
Parish	Ascension
Sec/Township/Range	Section 33, Township 9 Sout, R 3E
Latitude/Longitude	N 30, 19' 24.14" - W 91, 01' 05.20"

Names, Addresses, Phone Numbers of Adjacent Landowners
please see attached document

**ENVIRONMENTAL ASSESSMENT**

Must be a separate document. See the attached instruction sheet for completing the assessment.

**CONFIRMATION OF INFORMATION ACCURACY**

Application is hereby made for a Scenic River Permit to authorize the activities described herein. I certify that I am familiar with the information contained in this application and that, to the best of my knowledge and belief, such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities, or I am acting as the duly authorized agent of the applicant.

  
 \_\_\_\_\_  
 Signature

8-23-16  
 \_\_\_\_\_  
 Date



JOHN BEL EDWARDS  
GOVERNOR

State of Louisiana  
DEPARTMENT OF WILDLIFE AND FISHERIES

CHARLES J. MELANCON  
SECRETARY

Dear Scenic River Permit Applicant:

Please review and concur on the following statement regarding the issuance of permits by the Louisiana Department of Wildlife and Fisheries. This agreement must be signed and returned before a Scenic River Permit can be issued.

"I have been advised and do understand that by applying for and accepting a Scenic Rivers permit issued by the Louisiana Department of Wildlife and Fisheries, I am being allowed to engage in an activity which would otherwise be prohibited by law or for which a permit is required. I understand that the permit is not a license and confers no property right upon me. I specifically agree to abide by all State and Federal fish and wildlife laws and regulations, and all State and Federal laws and regulations which relate to this permit or the permitted activity, and by all other terms and conditions of this permit. I understand that the permit for which I am applying may be suspended, annulled, withdrawn or revoked and that I may be assessed civil penalties, all in accordance with the provision of the Louisiana Administrative Procedure Act, and that I may be denied future permits as a consequence of my failure to fully and completely comply with the terms and conditions of the permit, as well as other laws and regulations pertinent thereto. If served with or notified of a cease and desist order signed by the Scenic Rivers Administrator, I agree to immediately and without delay cease all activities and operations which relate to the permitted activity or which are impacting the Scenic River, until such time as the matter can be resolved in an adjudicatory hearing pursuant to the Louisiana Administrative Procedure Act. I understand and agree that any permit issued to me by the Louisiana Department of Wildlife and Fisheries is in the nature of a privilege which is being voluntarily extended to me by the Department and the failure on my part to cooperate with the Department can result in the loss of the privilege conferred and the denial of future requests for permits. By accepting this permit, I evidence my agreement to be bound by all conditions and stipulations set forth herein."

  
Authorized Signature

8.23.16  
Date

REV 12/7/98

**Ascension Parish Government**  
**Proposed Emergency Authorization for Flood Relief-Scenic Rivers**  
**Bayou Manchac, Bluff Swamp, and Spanish Lake Swamp**  
**August 22, 2016**

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**1.0 Introduction**

On behalf of the Ascension Parish Government (APG), Natural Resource Professionals, LLC (NRP) respectfully submits to the Louisiana Department of Wildlife and Fisheries (LDWF) this document which summarizes the existing flooding conditions within the Bayou Manchac, Bluff Swamp, and Spanish Lake Swamp Area and proposed emergency actions that are necessary to lower water levels as soon as possible.

From August 10, 2016 to August 15, 2016, record rainfall occurred throughout Louisiana, including the Bayou Manchac Watershed and larger Amite River Watershed. As a result significant flooding occurred throughout the region from stormwater runoff and backwater flooding of the tributaries of the Amite including Bayou Manchac.

On August 15, 2016, the USGS Gage #078746 (Bayou Manchac at Alligator Bayou) crested with a water surface elevation of approximately 15.1 feet NAVD 88. This resulted in water from Manchac overtopping the existing Bayou Manchac/Alligator Bayou Road and flowing into the Spanish Lake and Bluff Swamp Basins. As of August 19, 2016 water levels in the basins are cresting at approximately 13.0 feet NAVD 88.

The water levels of 13 feet within the Spanish Lake Basins have resulted in the flooding of homes, businesses, industrial facilities, and roads within East Iberville Parish and portions of Ascension Parish that drain into Spanish Lake and Bluff Swamp. Additionally both the Elayn Hunt Correctional Center and Louisiana Correctional Institute for Women are partially flooded and prisoner evacuations and relocations are ongoing.

Under existing conditions, the water contained within Spanish Lake and Bluff Swamp (estimated 100 Billion Gallons) must drain into Bayou Manchac through an 8'x8' Box Culvert (Alligator Bayou Floodgate) and a 6'x6' Box Culvert (Frog Bayou Floodgate), respectively. This represents a threat to life and property within these areas due to the amount of time it will take to drain this volume of water, as many areas will continue to be flooded and will be exposed to additional rain events. Therefore, additional measures must be taken in order to reduce water levels within the Spanish Lake and Bluff Swamp Basins as soon as possible.

**2.0 Purpose and Need**

The purpose of the proposed project is to reduce water levels in the Spanish Lake and Bluff Swamp Basins as soon as possible and to allow for reduced retention time within these basins during future floods. The need for the project is allow flooded property to drain and to improve flood storage capacity until water levels drain to normal levels.

**3.0 Project Location**

The project is located at/near the junction of Alligator Bayou, Frog Bayou, Fish Bayou, Bayou Manchac, and Bayou Fountain in Ascension Parish, Louisiana.

### **3.0 Nature of the Proposed Activity**

#### ***Primary Features***

The proposed project consists of the following primary components and is illustrated in the attached figures.

- The installation of two (2) 50,000 gallons per minute pumps within Fish Bayou. These pumps will be connected to 2-48" diameter pipes which will cross over Bayou Manchac Road and into Bayou Manchac.
- A controlled cut (Fish Bayou Cut) within the existing Bayou Manchac Road at the former location of where Fish Bayou historically connected with Bayou Manchac. The controlled cut will occur when Manchac levels reach approximately 11' NAVD 88 and will be maintained until water levels within Bluff Swamp and Spanish Lake reach approximately 7' NAVD88.
- A controlled cut within the existing "Bluff Swamp Spoil bank," which is an artificial spoil bank that was installed during the 1950's. This spoil bank currently separates the 2 basins when water levels are below approximately 9' NAVD88.
- Repair/restoration of the existing Bayou Manchac/Alligator Bayou Road

#### ***Construction/Emergency Operation Sequence***

- The pumps will be installed between August 19 and 22, 2016 and will be operated until water levels within the 2 basins reach approximately 7' NAVD 88
- The Fish Bayou Cut will be approximately 50' wide, and will occur when Manchac reaches approximately 11' NAVD 88 and will occur in a progressive nature until water levels in the Basin reach 7' NAVD 88.
- The Bluff Swamp Cut will be approximately 50' wide and will occur when water levels within the Basins reach approximately 9' NAVD 88. These water levels will allow equipment access to the cut location. The base elevation of the cut will match adjacent land elevations on either side of the spoil bank. This cut will remain in place following the conclusion of the flood event.
- The existing Frog Bayou Floodgate will be opened when water levels in Manchac reach approximately 7' NAVD88.
- The repair/restoration of Bayou Manchac Road will occur once flood waters recede and/or following/during construction activities.

#### ***Equipment and Staging***

Typical equipment to be used for the project will include bull dozers, excavator, dump trucks, trucks, and cranes. Materials include rip-rap (As needed to control erosion), pumps and supplemental equipment and the materials needed to install the floodgates. Equipment will be staged within the existing Bayou Manchac/Alligator Bayou Road and along with Bluff Swamp Spoil Bank. Any fill excavated during the activity will be temporarily stored on the Bayou Manchac Road/ Bluff Swamp Spoil Bank. Any existing material not filled will be removed from the site and disposed in an approved location. During this activity, Bayou Manchac/Alligator Bayou Road will have limited to no public access.

### ***Erosion Control***

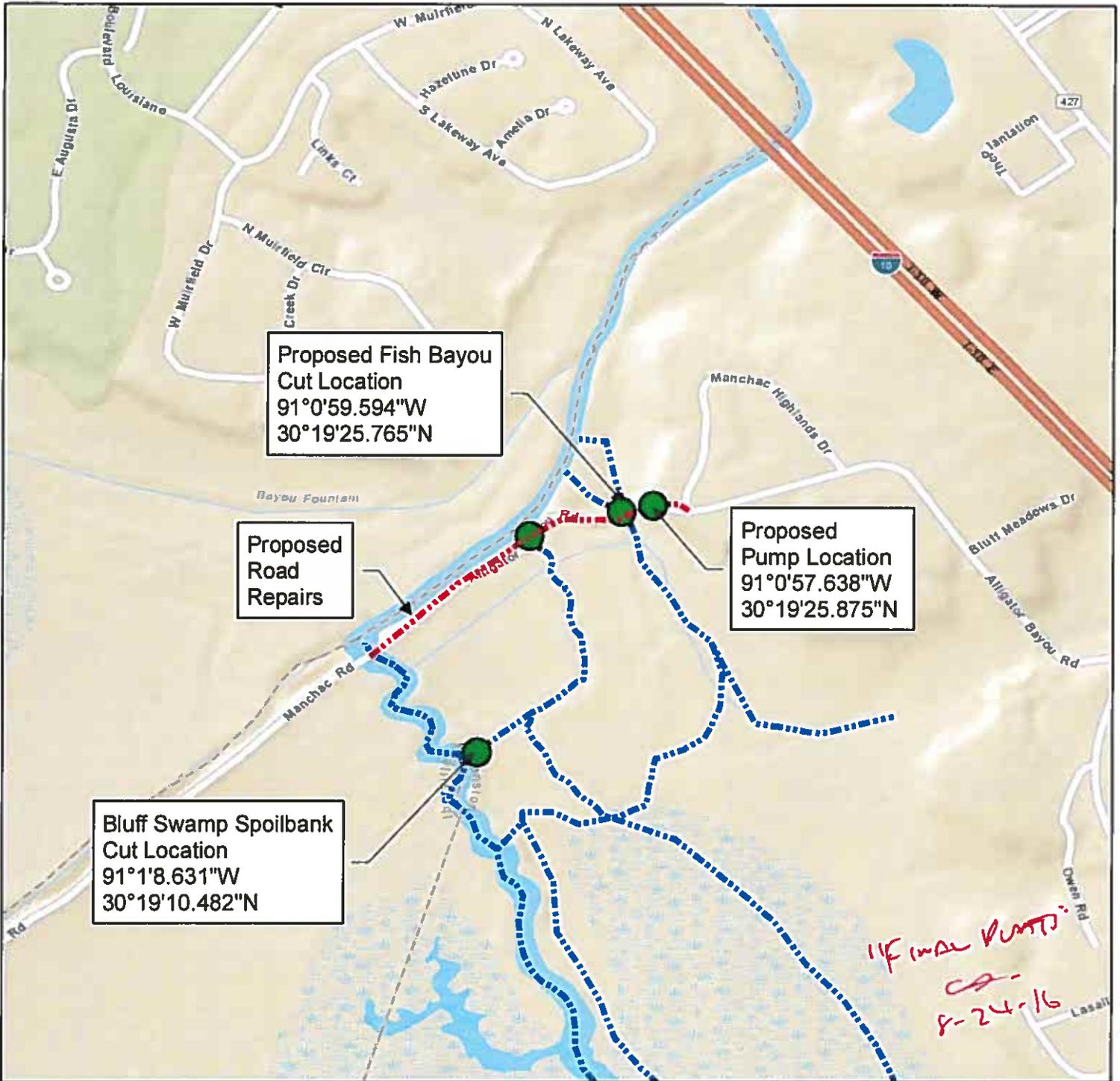
APG will utilize rip rap or concrete matting as needed to control erosion/scour during the Fish Bayou Cut and Bluff Swamp Cut. APG will stabilize any exposed slopes as needed and will employ Best Management Practices (i.e. silt fences, hay bales, fiber matting) during and post construction. Additionally, APG will continue to monitor erosion/scour and hydrodynamic models and will implement adaptive management efforts as needed.

### ***Water Levels***

The proposed activities are anticipated to significantly reduce retention time within Bluff Swamp and Spanish Lake Swamp which will benefit residents, businesses, industrial facilities, and the 2 prisons that depend on lower water levels and improved conveyance into Manchac. The proposed construction/emergency operation sequence has been selected to maximize drainage within the Basins and minimize water elevations downstream.

### ***Adjacent Property Owners***

1. Spanish Lake Wildlife Refuge, 35019 Alligator Bayou Road, Prairieville, LA 70769
2. Pontchartrain Levee District, PO Box 426, Lutcher, LA 70071
3. Dennis Caruso, 10917 Malcom Drive, Baton Rouge, LA 70811
4. Gerald Moore, 36071 Simpson Road, Prairieville, LA 70769
5. Robert Shelby, 18724 Manchac Highlands, Prairieville, LA 70769
6. Jacque Gregory, 18712 Manchac Highlands, Prairieville, LA 70769
7. Jamie Brassett, 18702 Manchac Highlands, Prairieville, La 70769



Proposed Fish Bayou  
Cut Location  
91°0'59.594"W  
30°19'25.765"N

Proposed  
Road  
Repairs

Proposed  
Pump Location  
91°0'57.638"W  
30°19'25.875"N

Bluff Swamp Spoilbank  
Cut Location  
91°1'8.631"W  
30°19'10.482"N

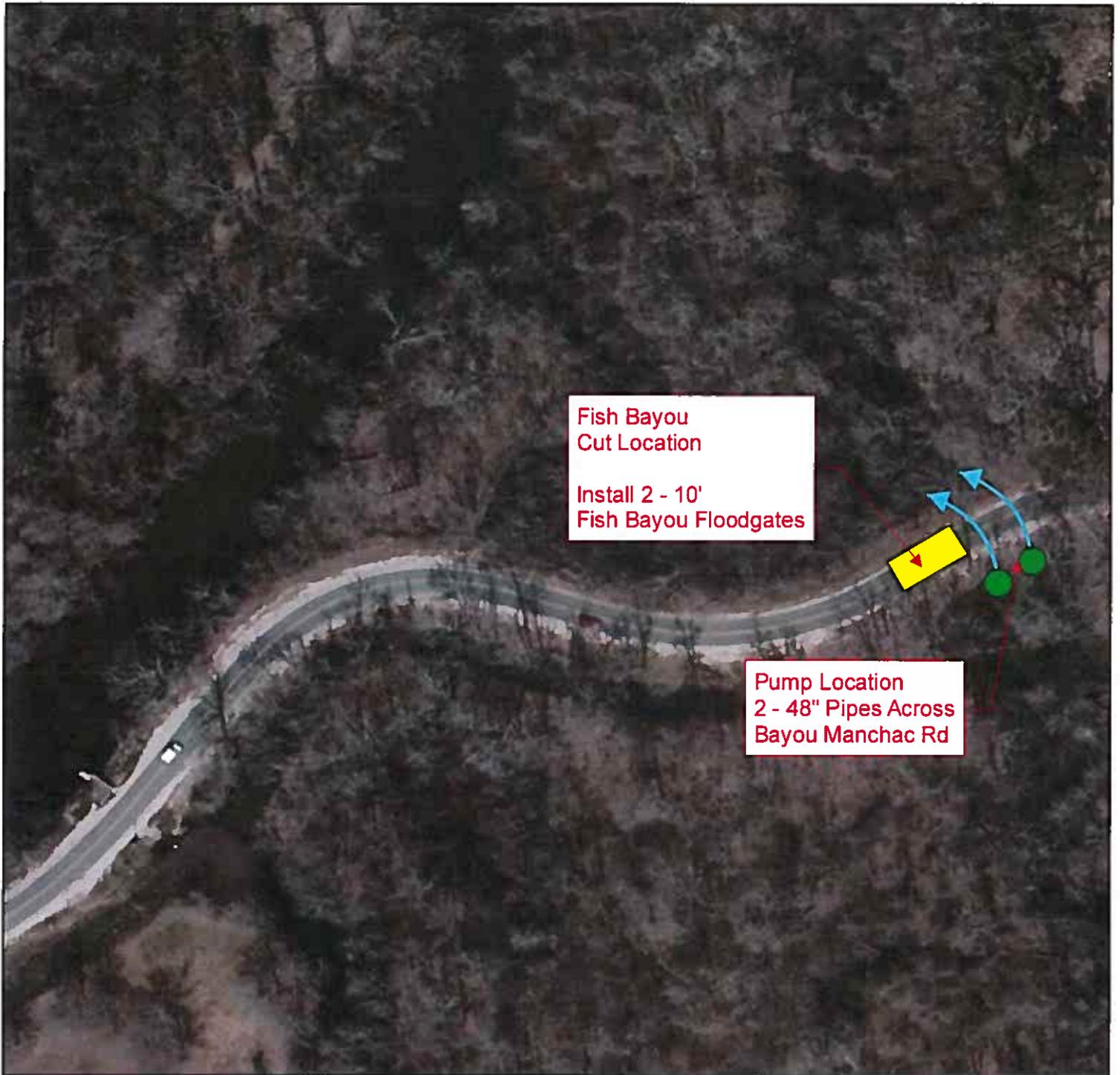
*IF IN ALL PARTS  
CA-  
8-24-16*



**Map Notes:**

1. Topographic map provided by ArcGIS
2. The boundary shown is based on the boundary survey provided by the client.

<p><b>East Ascension Consolidated Gravity Drainage District #1 Gonzales, LA</b></p> <p><b>VICINITY MAP</b></p> <p><b>ASCENSION PARISH, LOUISIANA</b></p> <p>Created : AGB/ArcView</p> <p>Approved : SPN</p> <p>Date : 08/19/2016</p> <p>Map No :</p>
<p><b>FIGURE 1</b></p>



Fish Bayou  
Cut Location

Install 2 - 10'  
Fish Bayou Floodgates

Pump Location  
2 - 48" Pipes Across  
Bayou Manchac Rd

"Final PLUD"  
CA  
8-23-16



**Map Notes:**

1. Topographic map provided by ArcGIS.
2. The boundary shown is based on the boundary survey provided by the client.

East Ascension  
Consolidated Gravity Drainage District #1  
Gonzales, LA

**SITE MAP 1**

**ASCENSION PARISH, LOUISIANA**

Created: AGB/ArcView

Approved: SPN

Date: 08/19/2016

Map No.:

**FIGURE 2**



Bluff Swamp Spoilbank Cut

"Final Plans"  
CS.  
8/23/16



**Map Notes:**

1. Topographic map provided by ArcGIS.
2. The boundary shown is based on the boundary survey provided by the client.

East Ascension  
Consolidated Gravity Drainage District #1  
Gonzales, LA

**SITE MAP 2**

**ASCENSION PARISH, LOUISIANA**

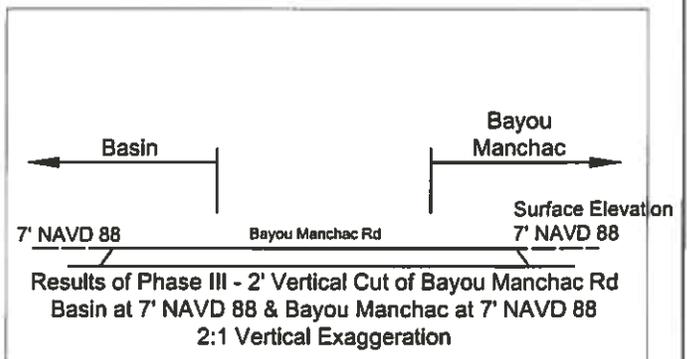
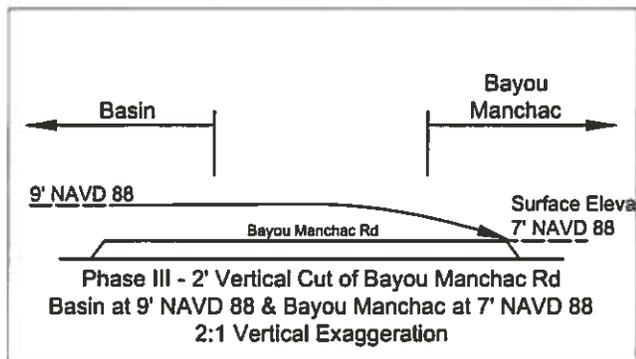
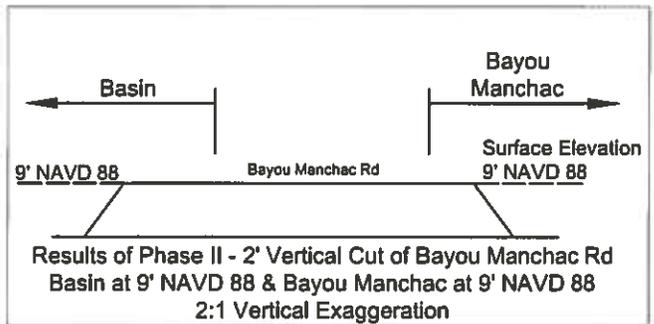
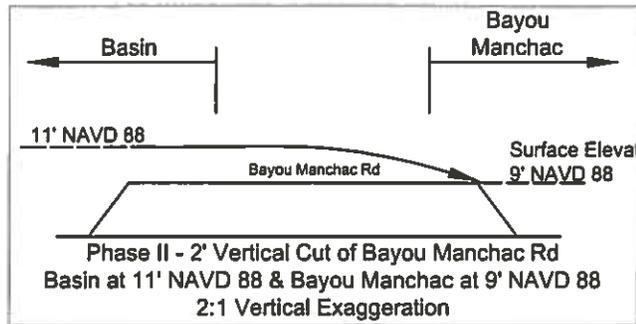
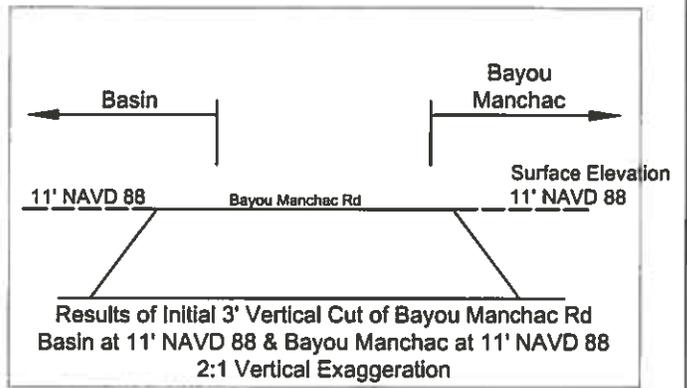
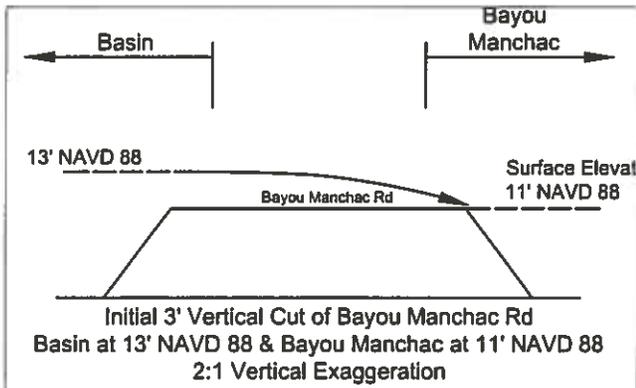
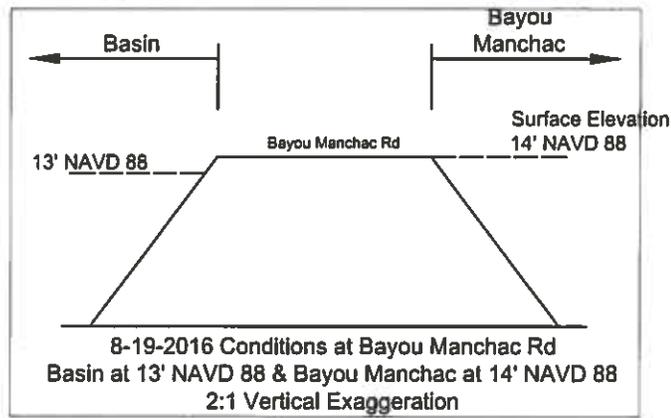
Created: AGB/ArcView

Approved: SPN

Date: 08/19/2016

Map No:

FIGURE 3



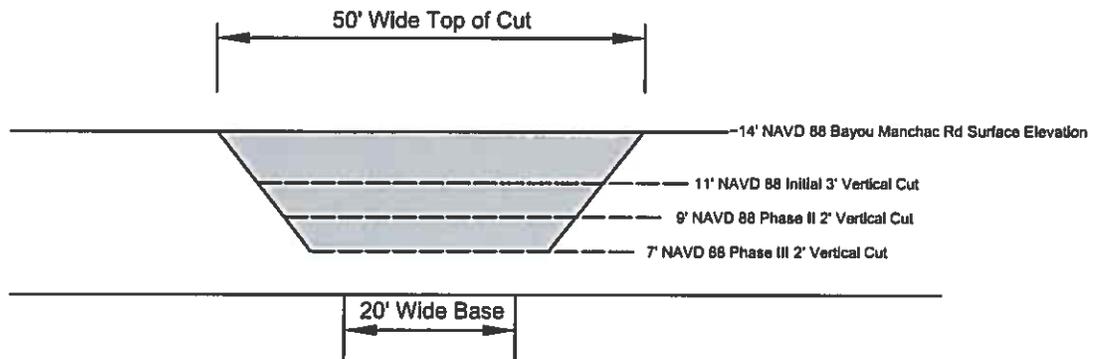
**Note:**

1. Large rip rap and concrete matting to be placed in cut locations as needed for erosion control.
2. Fish Bayou cut locations will be backfilled to pre construction elevation upon project completion.

*"FINAL PLAN"  
CA.  
8/27/16*



East Ascension Consolidated Gravity Drainage District #1 Gonzales, LA	
<b>PROPOSED VERTICAL CUTS CROSS SECTIONS ASCENSION PARISH, LA</b>	
Created:	AGB
Approved:	SPN
Date:	08/19/2016
FIGURE 4	



Proposed 50' Wide Horizontal Cut of Bayou Manchac Rd @ Fish Bayou  
NTS

**Note:**

1. Large rip rap and concrete matting to be placed in cut locations as needed for erosion control.
2. Fish Bayou cut locations will be backfilled to pre construction elevation upon project completion.

"FINAL PLATS"  
  
 8/23/16



East Ascension  
Consolidated Gravity Drainage District #1  
Gonzales, LA

**PROPOSED HORIZONTAL CUT  
CROSS SECTION  
ASCENSION PARISH, LA**

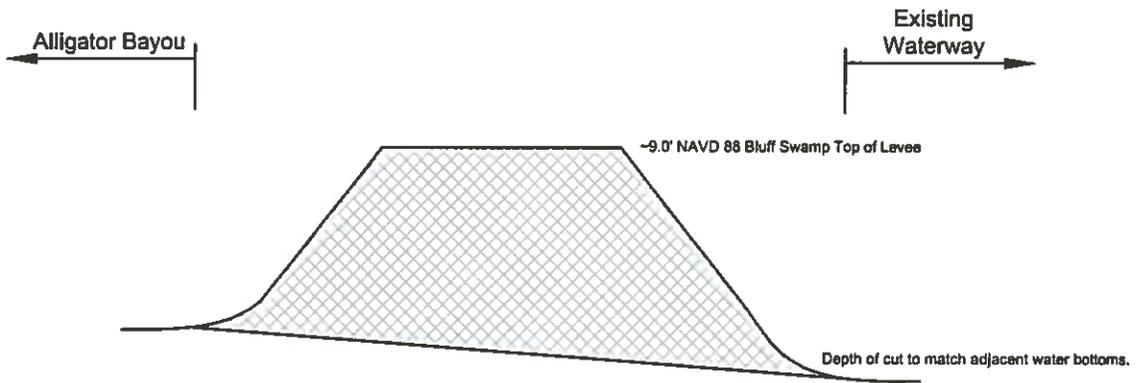
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Approved: GLF

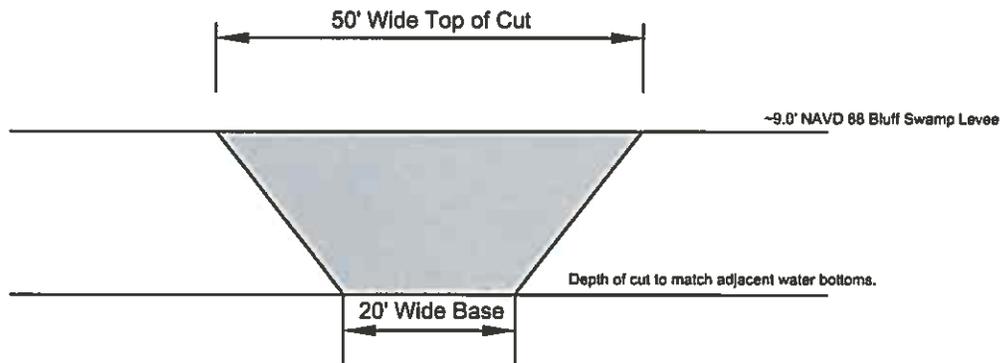
Date: 08/19/2016

Map No.:

FIGURE 5



Proposed vertical cut of Bluff Swamp Levee to adjacent water bottoms  
NTS



Proposed horizontal cut of Bluff Swamp Levee to adjacent water bottoms  
NTS

Note:

1. Large rip rap and concrete matting to be placed in cut locations as needed for erosion control.
2. Bluff Swamp cut location to remain.

"FINISH PLATS"

8/23/16



East Ascension  
Consolidated Gravity Drainage District #1  
Gonzales, LA

PROPOSED LEVEE CUT  
CROSS SECTION  
ASCENSION PARISH, LA

Created: AGB

Approved: GLF

Date: 08/19/2016

Map No.:

FIGURE 6