

# 4<sup>TH</sup> ANNUAL RESTORE OR RETREAT- NATIONAL WILDLIFE FEDERATION RESTORATION SUMMIT

---

Presented by:  
Archie P. Chaisson, III, Parish Administrator  
Lafourche Parish Government



What Have You Done For Me Lately

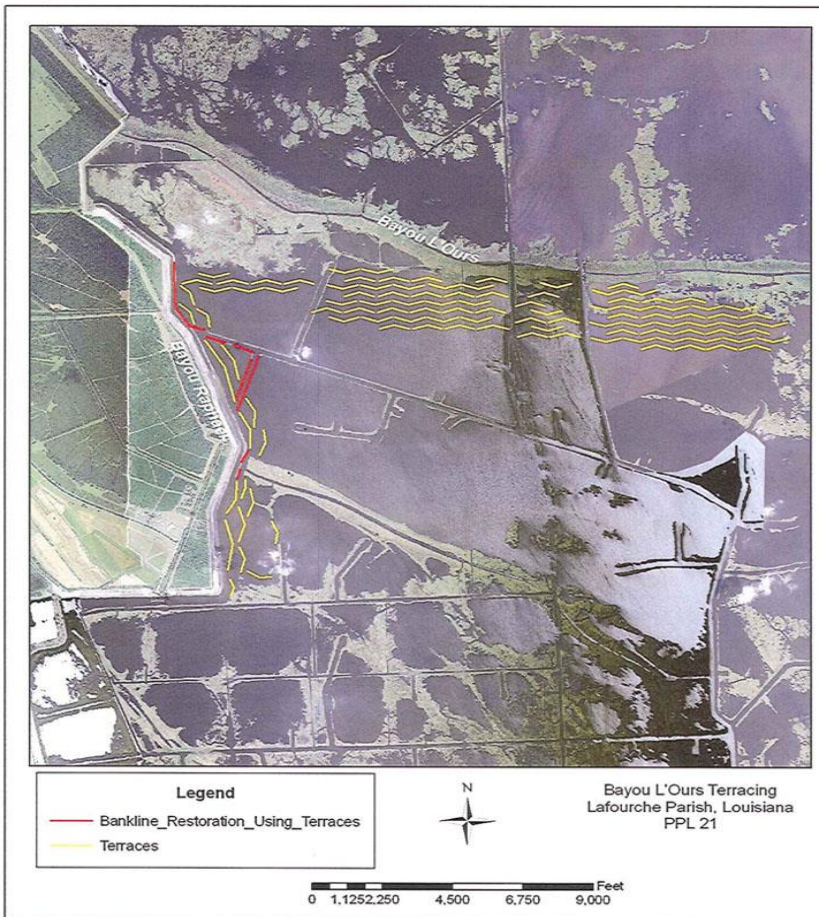
Come and Join the Chorus

# SUCCESS STORIES

---

# Bayou L'Ours Terracing

Figure 1



- Public/Private Partnership for Restoration in Lafourche Parish
- Duck Unlimited
- Conoco Phillips
- ROR
- Lee Orgeron
- CRCL



AREA 2  
±280 ac  
16,500 L.F.

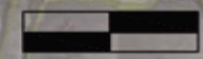
AREA 3  
±810 ac  
30,000 L.F.

AREA 4  
±300 ac  
30,000 L.F.

AREA 5  
±940 ac  
43,500 L.F.

AREA 1  
±610 ac  
30,000 L.F.

SCALE: 1" = 2000'



0 1000' 2000'

DATE	REVISION	APP'D

**ALL SOUTH CONSULTING ENGINEERS, L.L.C.**  
 207 W. WILSON BOULEVARD  
 SUITE 200  
 NEW ORLEANS, LA 70002  
 (504) 835-7788

ASCE PROJECT No. \_\_\_\_\_

DATE	7-21-2011	DESIGNED BY	BCE	DATE	03-30-00-01
SCALE	1"=2000'	CHECKED BY	BCE	DATE	D/B
JOB NO.	03-30-00-01	ENGINEER			



BAYOU L'OURS TERRACING  
 BARATARIA BASIN  
 LAFOURCHE PARISH, LOUISIANA  
 PROJECT PLAN


SHEET NO.	1
1	5





AREA 2-  
TERRACING AREA = 264 AC  
TOTAL BENEFITED AREA = 395 AC  
TOTAL LENGTH OF TERRACES = 19,875 L.F.

 BORROW AREA  
 C/L TERRACE

SCALE: 1"=1000'  






# Coastal Impact Assistance Program (CIAP)

- Catfish Lake Small Dredge Project
  - 2.7 Million – Total Build Out
  - Created 75 acres of new marsh
  - Use uncontained and contained Methods









**May 2010**

**Before**



**June 2010**



**May 2011**

**After**

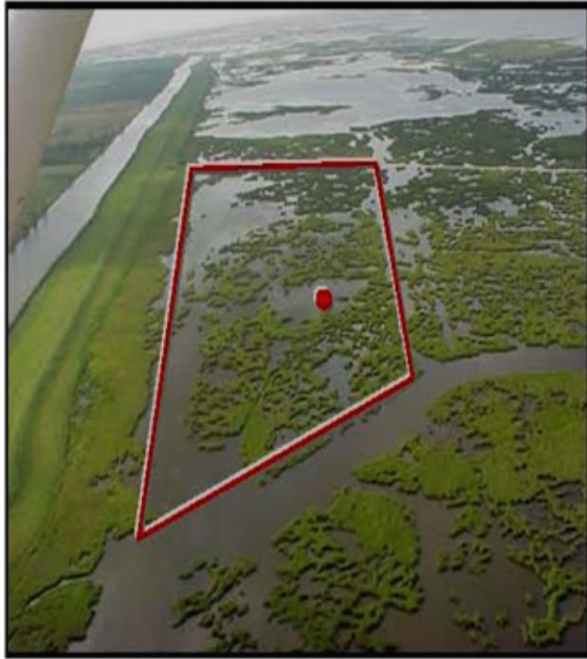
**CIAP Dredge Program-Containment**

**(46 Acres)**









**May 2010**

**Before**



**June 2010**



**May 2011**

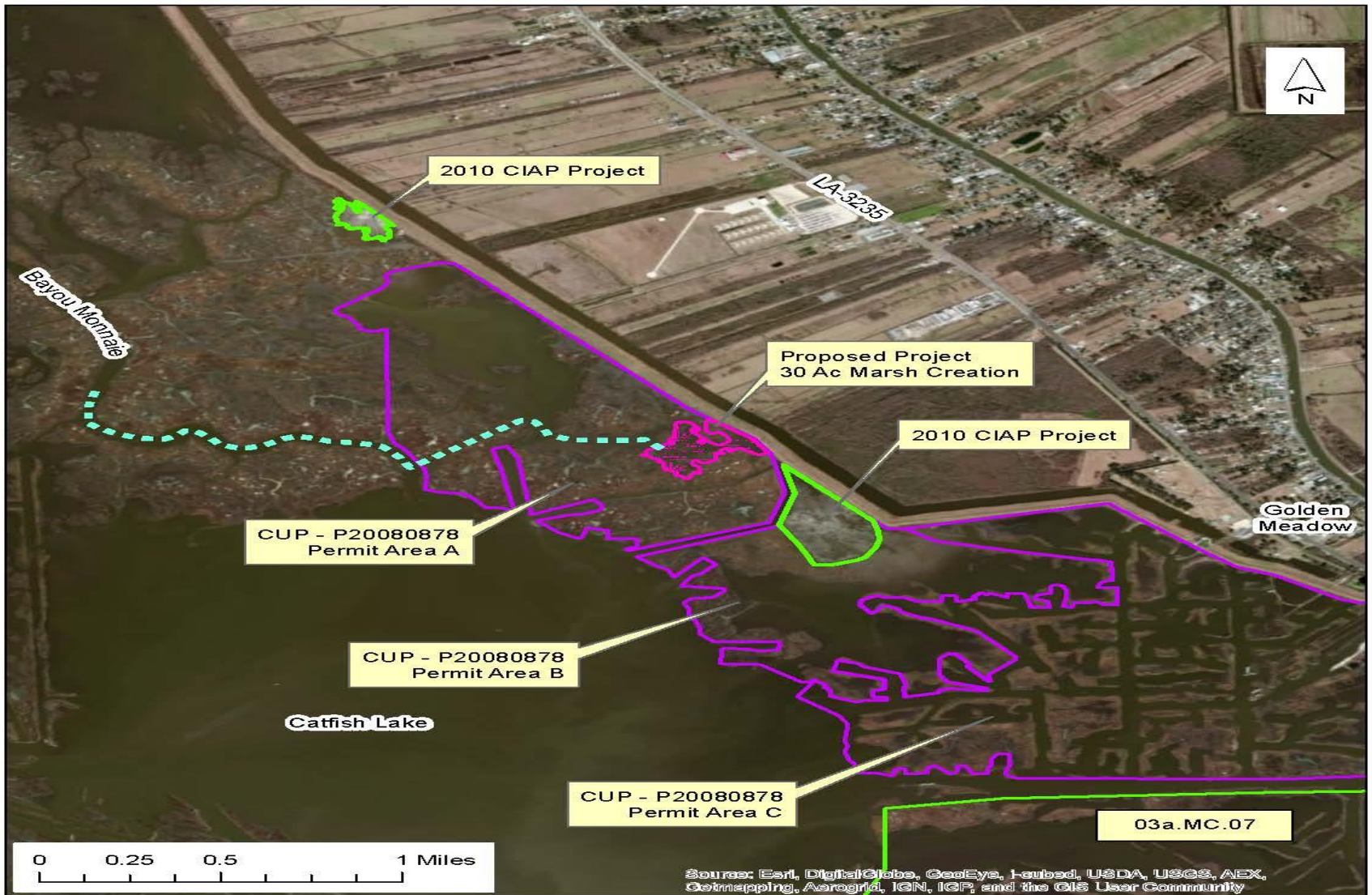
**After**

**CIAP Dredge Program-Free Flow**

**(30 Acres)**







**GOLDEN MEADOW MARSH CREATION  
CPRA RESTORATION PARTNERSHIP**  
Lafourche Parish, LA

Drawn By: EHH  
 Surveyed By:  
 Date: 15 OCT 2013  
 Ducks Unlimited, Inc. - Southern Regional Office  
 193 Business Park Dr, Ste E, Ridgeland, MS 39157



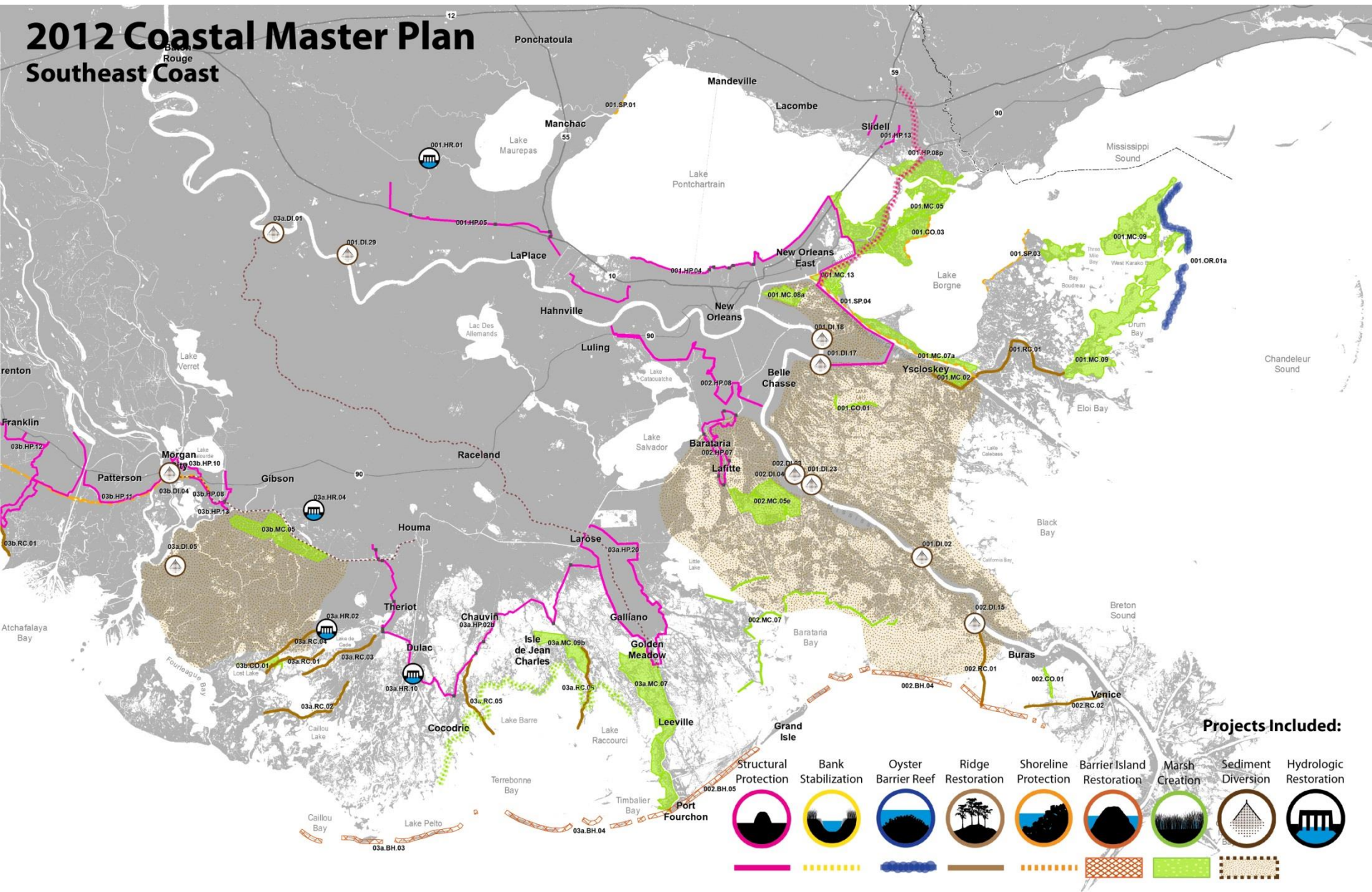


# PARISH PRIORITIES

---

# 2012 Coastal Master Plan

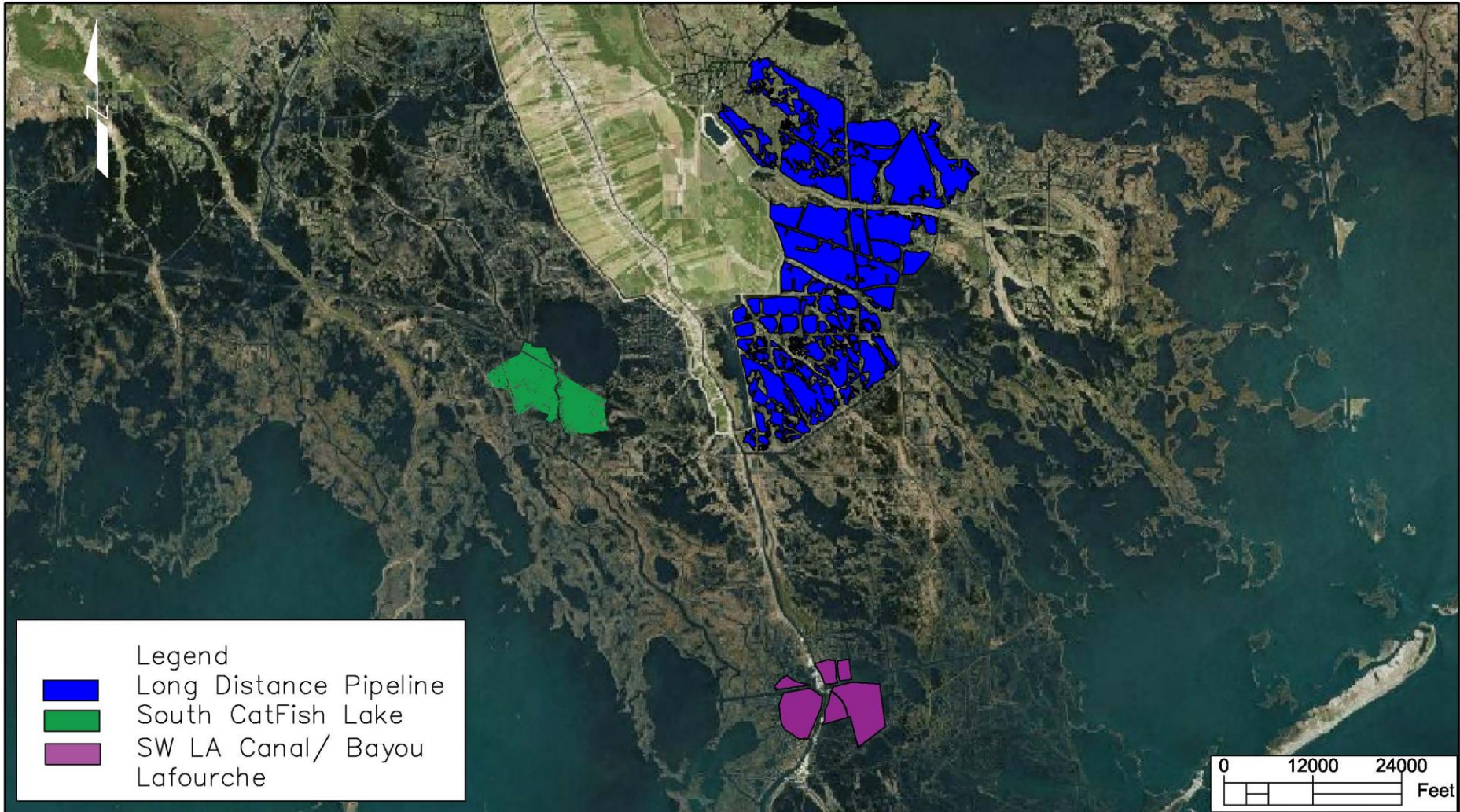
## Southeast Coast



### Projects Included:

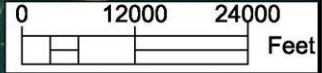
- Structural Protection
- Bank Stabilization
- Oyster Barrier Reef
- Ridge Restoration
- Shoreline Protection
- Barrier Island Restoration
- Marsh Creation
- Sediment Diversion
- Hydrologic Restoration





Legend

- Long Distance Pipeline
- South CatFish Lake
- SW LA Canal/ Bayou Lafourche



**ROYAL ENGINEERS  
& CONSULTANTS, LLC**  
 601 ELYSIAN FIELDS AVENUE  
 New Orleans, LOUISIANA 70117

REV.	DATE	DESCRIPTION	BY

CLIENT:



TITLE:			
PROJ. NAME:			
DES:	RD	SCALE: AS SHOWN	SHEET NO.
DR:		JOB No.	REV.
CH:		DATE: 11/10/2014	
APP:			

FILE:



# LONG DISTANCE SEDIMENT PIPELINE

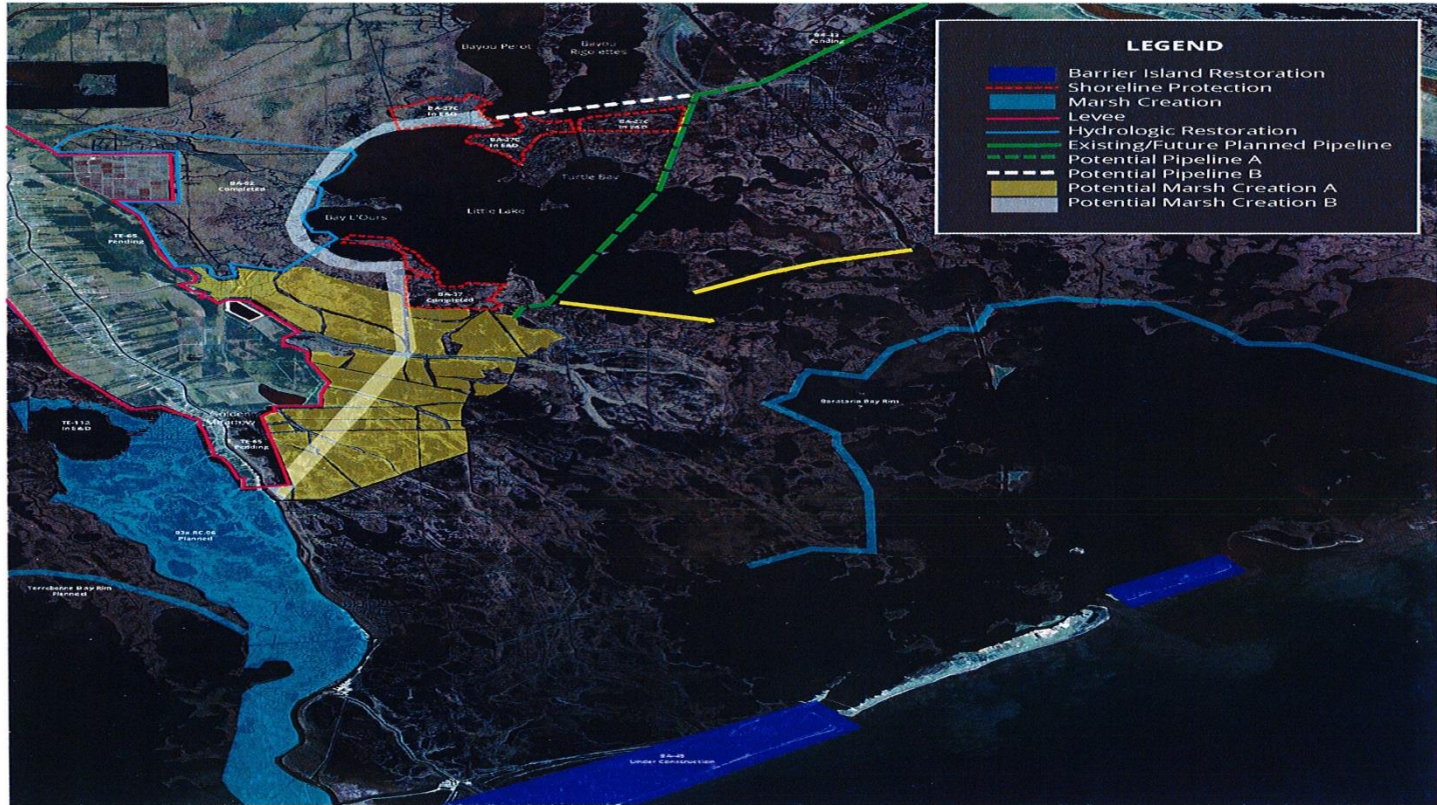
---

## LDSP: Proposed Chenier Traverse Ridge Alignment





**MAP:**

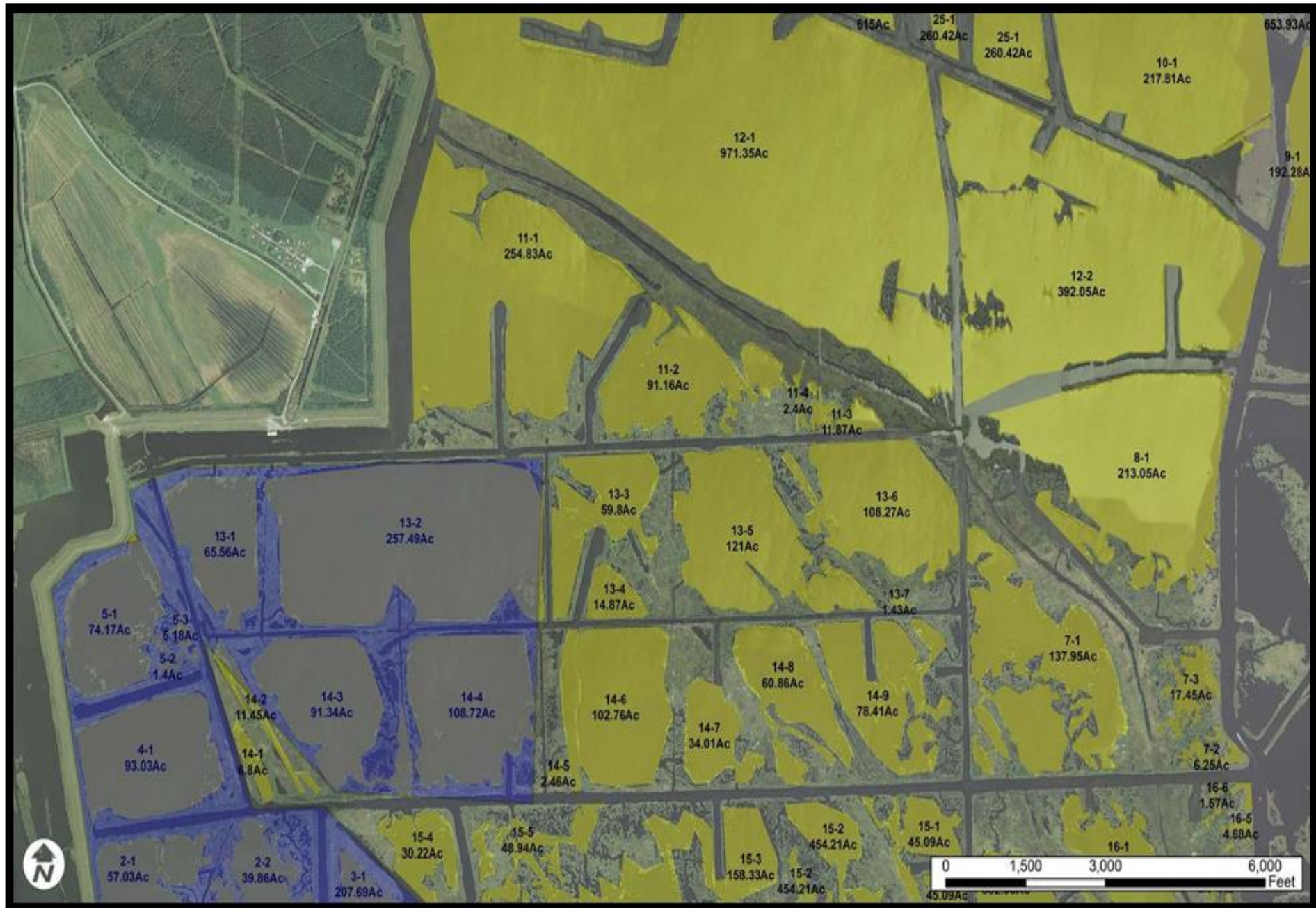


**Shape File:**  
Ask Leo?

## PROJECT ATTRIBUTES

**Marsh Creation:**  
Location:





0 1,500 3,000 6,000 Feet

615Ac 25-1 260.42Ac 25-1 260.42Ac 10-1 217.91Ac 653.93Ac 9-1 192.28Ac 12-1 971.35Ac 11-1 254.83Ac 12-2 392.05Ac 11-2 91.16Ac 11-4 2.4Ac 11-3 11.87Ac 8-1 213.05Ac 13-3 59.8Ac 13-6 108.27Ac 13-5 121Ac 13-1 65.56Ac 13-2 257.49Ac 13-4 14.87Ac 13-7 1.43Ac 5-1 74.17Ac 5-3 5.18Ac 5-2 1.4Ac 14-2 11.45Ac 14-3 91.34Ac 14-4 108.72Ac 14-6 102.76Ac 14-8 60.86Ac 14-9 78.41Ac 7-1 137.95Ac 7-3 17.45Ac 4-1 93.03Ac 14-1 6.8Ac 14-5 2.46Ac 14-7 34.01Ac 7-2 6.25Ac 2-1 57.03Ac 2-2 39.86Ac 3-1 207.69Ac 15-4 30.22Ac 15-5 49.94Ac 15-2 454.21Ac 15-1 45.09Ac 16-6 1.57Ac 16-5 4.68Ac 15-3 158.33Ac 15-2 454.21Ac 16-1 45.09Ac



CELL ID No. 2-1 Marsh Creation					
Item No.	Item Description	Unit of Measure	Estimated Quantity	Estimated Unit Price	Estimated Cost
1.0	Mob/Demob	lump sum	1	\$1,500,000	\$1,500,000
2.0	Survey	lump sum	1	\$200,000	\$200,000
3.0	Dredging	Cubic Yard	644,059	\$10	\$6,685,546.58
4.0	Earthen Containment Dike	Linear Foot	9,191	\$30	\$275,744
5.0	Vegetative Plantings	Each	8,395	\$ 5	\$41,975
<b>Subtotal</b>					<b>\$8,703,265</b>
<b>Miscellaneous &amp; Contingency (30%)</b>					<b>\$2,610,979</b>
<b>TOTAL ESTIMATED CONSTRUCTION COST</b>					<b>\$11,314,244</b>

CELL ID No. 2-2 Marsh Creation					
Item No.	Item Description	Unit of Measure	Estimated Quantity	Estimated Unit Price	Estimated Cost
1.0	Survey	lump sum	1	\$200,000	\$200,000
2.0	Dredging	Cubic Yard	1,221,261	\$10	\$12,677,099.89
3.0	Earthen Containment Dike	Linear Foot	44,994	\$30	\$1,349,821
4.0	Vegetative Plantings	Each	15,918	\$5	\$79,592
<b>Subtotal</b>					<b>\$14,306,512</b>
<b>Miscellaneous &amp; Contingency (30%)</b>					<b>\$4,291,954</b>
<b>TOTAL ESTIMATED CONSTRUCTION COST</b>					<b>\$18,598,466</b>

CELL ID No. 3-1 Marsh Creation					
Item No.	Item Description	Unit of Measure	Estimated Quantity	Estimated Unit Price	Estimated Cost
1.0	Survey	lump sum	1	\$200,000	\$200,000
2.0	Dredging	Cubic Yard	2,345,512	\$10	\$24,347,206
3.0	Earthen Containment Dike	Linear Foot	53,317	\$30	\$1,599,514
4.0	Vegetative Plantings	Each	30,572	\$ 5	\$152,860

# SOUTH CATFISH LAKE RESTORATION

---





Grand Bayou

Calfra Lake


Pipeline Canal

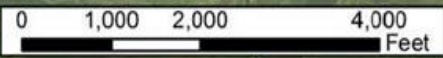
Bay  
Sevin

1  
99.04Ac

3  
886.79Ac

2  
669.44Ac

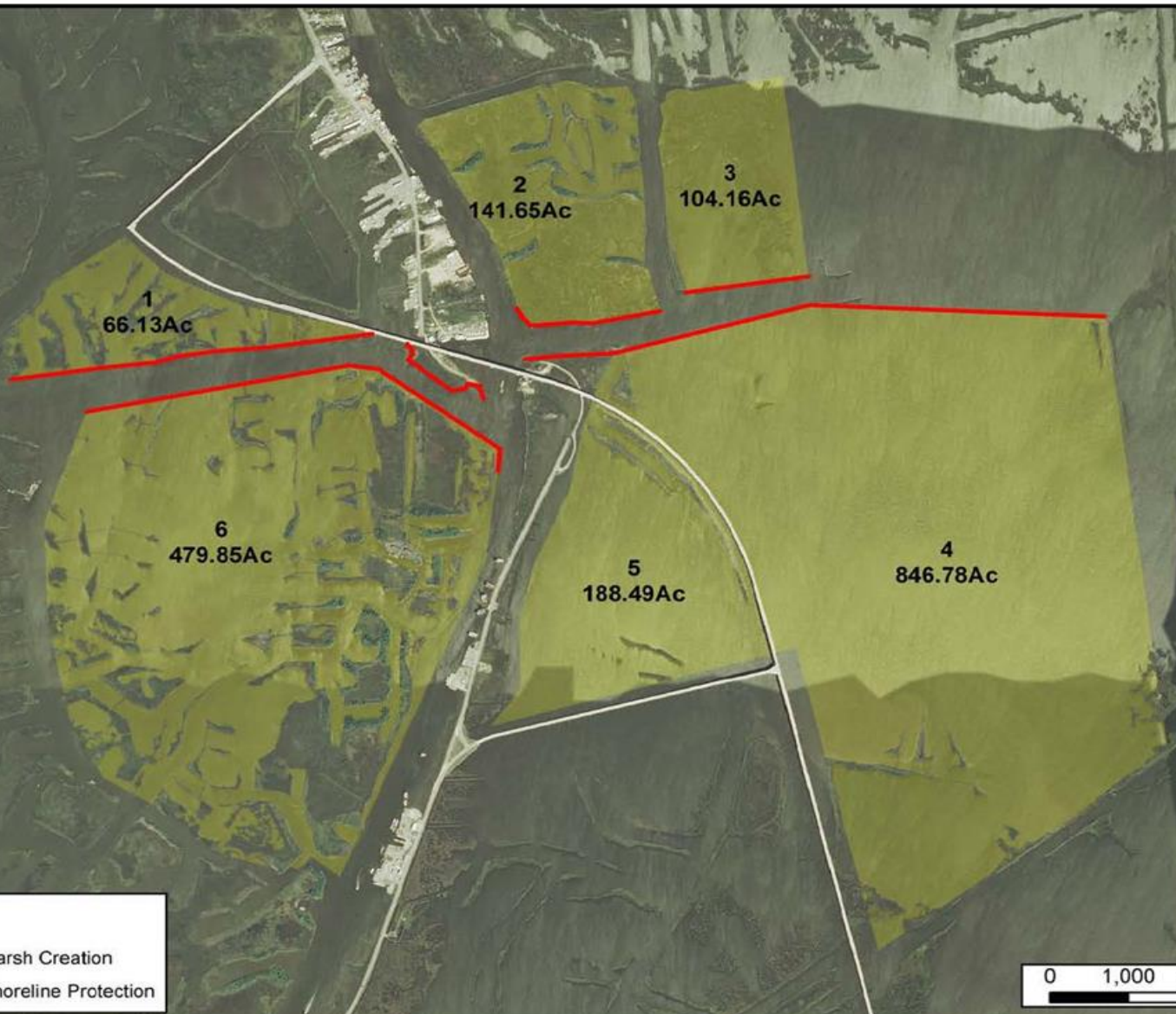
**Legend**  
 Proposed Marsh Creation



# BAYOU LAFOURCHE & SW CANAL RESTORATION

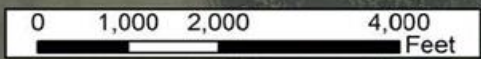
---





**Legend**

- Proposed Marsh Creation
- Proposed Shoreline Protection



**ROYAL ENGINEERS  
& CONSULTANTS, LLC**  
1231 Carnellia Blvd  
Lafayette, LOUISIANA 70508

REV.	DATE	DESCRIPTION	BY	CLIENT

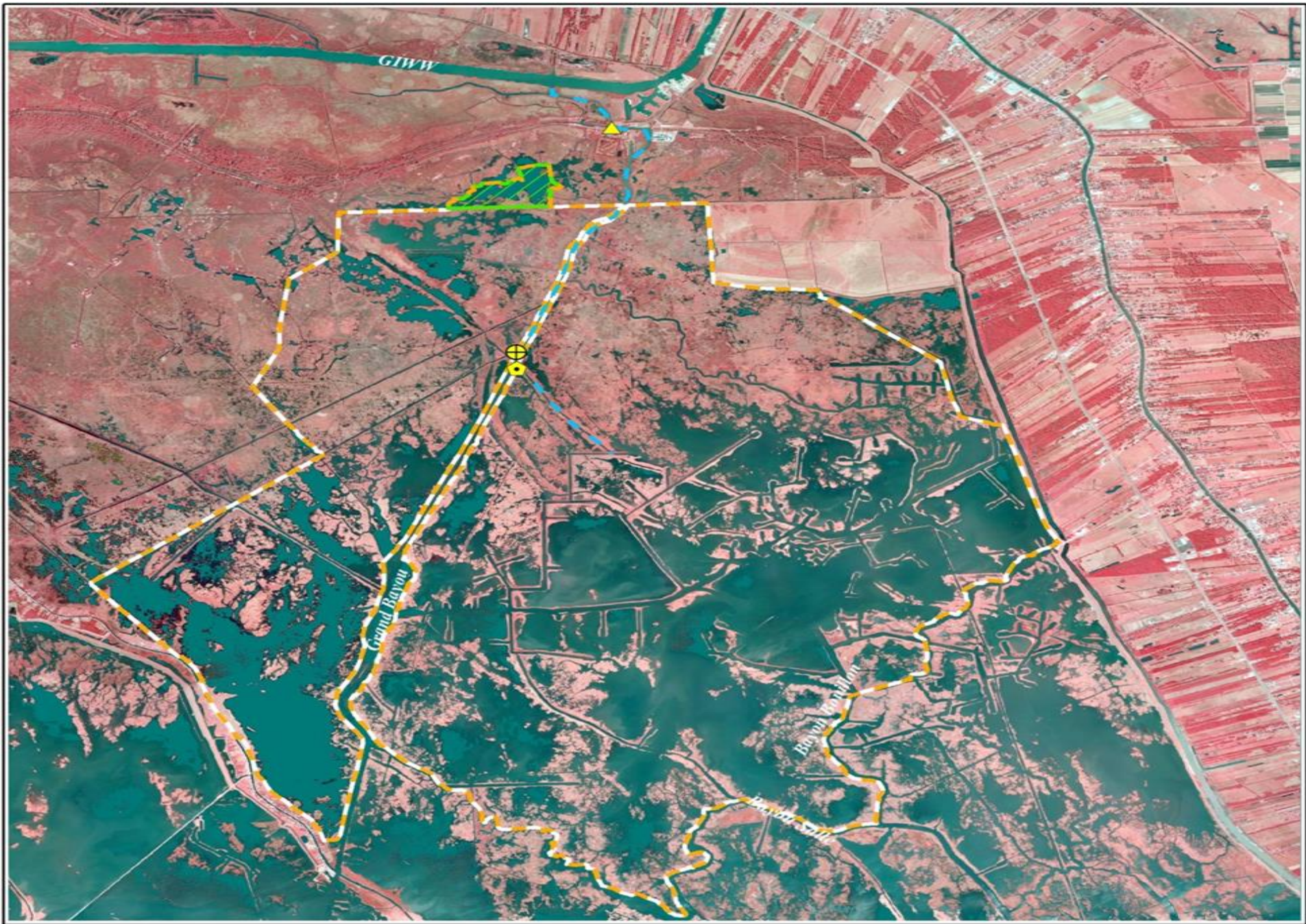


<b>TITLE: BAYOU LAFOURCHE &amp; SW CANAL MARSH CREATION AREAS</b>			
PRJCL NAME:	LAFOURCHE MARSH CREATION		
DES:	SCALE: AS SHOWN		
DR:	LL	JOB No. 2013-25	SHEET NO.
CD:			REV.
APP:	DATE: 6/11/2014		

# GRAND BAYOU FRESHWATER REINTRODUCTION

---







# QUESTIONS ?

---

Archie P. Chaisson, III

402 Green Street, Thibodaux, LA 70302

(985) 446-8427 | [chaissonap@lafourchego.org](mailto:chaissonap@lafourchego.org)

Lafourche Parish ...

**Dig In!**

