

PROJECT COMPLETION REPORT¹

PROJECT NAME Barataria Basin Landbridge Shoreline Protection Project
CWPPRA/STATE PROJECT NO. BA-27 and BA-27c CU#4

Report Date: September 1, 2011

BY: Charles Slocum

1. Project Managers/Contracting Officer:

DNR Project Manager	Dustin White	Telephone	(225) 342-4512
DNR Construction Project Manager	Brian Babin	Telephone	(985) 447-0956
DNR Monitoring Manager	Melissa Hymel	Telephone	(504) 280-4074
Federal Agency Project Manager	Quin Kinler	Telephone	(225) 382-2047
Federal Agency Contracting Officer	Ralph Broome	Telephone	(318) 473-7781

2. Location and description of projects as approved for construction by Task Force.

Construction Unit 4 is located in western Jefferson Parish on the southeastern bankline of Bayou Perot and the southeastern bankline of Bayou Rigolettes.

This contract/construction unit consist of approximately 30,500 linear feet of concrete pile and panel wall.

3. Final, as-built features, boundaries and resulting acreage (use attachments if necessary).

- 1863 concrete precast piles
- Approximately 1,814 concrete precast panels equal to 30,500 linear feet
- Approximately 3,600 SY of geotextile
- Approximately 35,000 tons of coarse aggregate
- Approximately 1,855 tons of 400 lb rock riprap
- 79 markers, signs and plaques
- All associated access dredging/excavation
- The exact location and construction dimensions of the project can be seen in the attached "As-Built" drawings

Actual Benefitted Acres

- The BA-27 portion of Construction Unit 4 is estimated to produce 504 net acres over 20 years.
- The BA-27c portion of Construction Unit 4 is estimated to produce 45 net acres over 20 years.

¹To be filled out at construction completion by either the DNR Construction Project Manager or the Federal Agency Contracting Officer depending on which organization had lead role for construction of project. (Except for some items under # 13).

4a. Key project cost elements – BA-27 portion of CU4

	CWPPRA Project Cost Estimates*	Cost Incurred as of Construction Completion
Construction (including S&I)	\$ 12,482,349.00	\$ 10,110,825.50**
E & D	N/A part of BA-27 total	N/A part of BA-27 total
Landrights	N/A part of BA-27 total	N/A part of BA-27 total
Monitoring	N/A part of BA-27 total	N/A part of BA-27 total
O & M	N/A part of BA-27 total	N/A part of BA-27 total
Total	\$	\$

* CWPPRA Approved estimate at time construction contract award.

4b. Key project cost elements BA-27c portion of CU4

	CWPPRA Project Cost Estimates*	Cost Incurred as of Construction Completion
Construction	\$ 6,032,338.75	\$ 5,129,742.11
E & D	N/A part of BA-27 total	N/A part of BA-27c total
Landrights	N/A part of BA-27 total	N/A part of BA-27c total
Monitoring	N/A part of BA-27c CU3 total	N/A part of BA-27c CU3 total
O & M	\$649,500	
Total	\$	\$

* CWPPRA Approved estimate at time construction contract award.

5. Items of work

Item No.	Work	Estimated Quantity	Unit	Estimated Unit Price	Estimated Amount	Unit Bid Price	Bid Amount	Final Quantity	Final Amount	% Over/Under
1	Mobilization and Demobilization	1	Job	\$167,301.97	\$167,301.97	\$350,000.00	\$350,000.00	1	\$350,000.00	100.00%
2	Excavation, Flotation Access	1	Job	\$443,862.27	\$443,862.27	\$500,000.00	\$500,000.00	1	\$500,000.00	100.00%
3	Concrete Precast Prestressed Piles Delivered 18" x 18" x 70 ft	422	EA	\$2,626.86	\$1,108,955.23	\$3,600.00	\$1,519,200.00	422	\$1,519,200.00	100.00%
4	Concrete Precast Prestressed Piles Delivered 20" x 20" x 70 ft	806	EA	\$3,002.08	\$2,419,673.26	\$3,900.00	\$3,143,400.00	805	\$3,139,500.00	99.87%
5	Concrete Precast Prestressed Piles Delivered 24" x 24" x 70 ft	551	EA	\$3,797.39	\$2,092,360.79	\$4,600.00	\$2,534,600.00	551	\$2,534,600.00	100.00%
6	Concrete Precast Prestressed Piles Driven 18" x 18" x 70ft	422	EA	\$1,685.93	\$711,463.55	\$1,200.00	\$506,400.00	422	\$506,400.00	100.00%
7	Concrete Precast Prestressed Piles Driven 20" x 20" x 70 ft	806	EA	\$1,781.11	\$1,435,572.91	\$1,200.00	\$967,200.00	805	\$966,000.00	99.87%

8	Concrete Precast Prestressed Piles Driven 24" x 24" x 70 ft	551	EA	\$1,989.08	\$1,095,984.23	\$1,200.00	\$661,200.00	551	\$661,200.00	100.00%
9	Concrete Precast Prestressed Panels Delivered 6" x 6' x 11' 10"	415	EA	\$779.76	\$323,600.40	\$1,100.00	\$456,500.00	417	\$458,700.00	100.48%
10	Concrete Precast Prestressed Panels Delivered 6" x 6' x 14' 8"	189	EA	\$958.56	\$181,168.75	\$1,350.00	\$255,150.00	189	\$255,150.00	100.00%
11	Concrete Precast Prestressed Panels Delivered 6" x 6' x 15' 8"	641	EA	\$1,021.74	\$654,938.42	\$1,400.00	\$897,400.00	635	\$889,000.00	99.06%
12	Concrete Precast Prestressed Panels Delivered 6" x 6' x 19' 4"	569	EA	\$1,253.61	\$713,304.09	\$1,700.00	\$967,300.00	572	\$972,400.00	100.52%
13	Concrete Precast Prestressed Panels Placed 6" x 6' x 11' 10"	415	EA	\$661.83	\$274,660.53	\$300.00	\$124,500.00	417	\$125,100.00	100.05%
14	Concrete Precast Prestressed Panels Placed 6" x 6' x 14' 8"	189	EA	\$718.06	\$135,713.62	\$450.00	\$85,050.00	189	\$85,050.00	100.00%
15	Concrete Precast Prestressed Panels Placed 6" x 6' x 15' 8"	641	EA	\$723.35	\$463,667.64	\$310.00	\$198,710.00	635	\$196,850.00	99.06%
16	Concrete Precast Prestressed Panels Placed 6" x 6' x 19' 4"	569	EA	\$786.25	\$447,375.44	\$320.00	\$182,080.00	572	\$183,040.00	100.52%
17	Surface Coarse Aggregate	35,000	Tons	\$39.53	\$1,383,682.86	\$21.00	\$735,000.00	35,000	\$735,000.00	100.00%
18	Geotextile, Under Rock Riprap	3,600	S.Y.	\$6.35	\$22,854.13	\$5.00	\$18,000.00	3,600	\$18,000.00	100.00%
19	Rock Riprap 400#	1,855	Tons	\$37.04	\$68,698.67	\$23.00	\$42,665.00	1,855	\$42,665.00	100.00%
20	Identification Markers & Plaques, Permanent Warning Signs	79	EA	\$2,050.53	\$161,991.95	\$2,000.00	\$158,000.00	80	\$160,000.00	101.26%
21	Concrete Precast Prestressed Piles Delivered 20" x 20" x 53 ft	84	EA	\$2,273.00	\$190,932.03	\$3,000.00	\$252,000.00	84	\$252,000.00	100.00%
20	Concrete Precast Prestressed Piles Driven 20" x 20" x 53 ft	84	EA	\$1,348.55	\$113,278.46	\$1,200.00	\$100,800.00	84	\$100,800.00	100.00%
Total Estimate					\$14,611,041.20	Total Bid	\$14,655,155.00	\$14,650,655.00		

6. Construction and construction oversight

Prime construction contractor	Luhr Bros., Inc.
Subcontractor	Dunham Price Group
Original construction contract	\$ 14,655,155.00
Change orders	\$ -4,500.00
Final construction contract	\$ 14,650,655.00

Const. oversight contractor

Const. amt. \$

Cons. O.S./Admin. agency

USDA - NRCS

Est. amt. \$

7. Major equipment used.

4600 Manitowoc Dragline
L13225 4100 Manitowoc Crane
L 12435 4100 Manitowoc Crane

Push Boat MLV Charlie B.
Push Boat Jay Gene
Tug Karren Coby

Spud Barge L1103
Spud Barge L903
L1105 200'x60' Spud Barge

L7835 4000 Manitowoc Crane
 LR 435 4100 Manitowoc Crane
 L1740 Pile Driving Hammer and leads
 TR15065 Kamotsu LC400
 L14965 Cat 385b Excavator
 L14755 Cat 330b Excavator
 L15036H Cat 262b Loader
 L1029 Spud Barge

L1385 Cabin Boat
 Ne Ola 26' Cabin Boat
 L85 Cabin Boat
 Rental Cabin Boat
 LB 87 Skiff
 LB 124 18' Skiff
 Snatch 30' Crew Boat
 LB94 18' Skiff

L979 Spud Barge
 L407 20'x60' Spud Barge
 L1932 Fleet Barge
 L1107 Spud Barge
 L1085 Spud Barge
 L1N7 Spud Barge
 L407 Spud Barge
 L:B93 20' Skiff

8. Discuss construction sequences and activities, problems encountered, solutions to problems, etc.

1. Excavate and place spoil as required for access flotation
2. Install concrete pilings and panels
3. Place surface coarse aggregate
4. Install permanent warning signs
5. Place geotextile that will be underneath the rock riprap
6. Place rock riprap
7. Back fill flotation channel as needed

9. Construction change orders and field changes.

Modification #1: This modification changes the Contract number.
 The result is a no net increase to the contract.

Modification #2: This modification is to relocate the northern most access channel to miss a pipeline that was not discovered prior to contract award.
 The result is a no net increase to the contract.

Modification #3: This modification is to correct an error in the original plans.
 The result is a net decrease to the contract of \$4,500.00.

10. Pipeline and other utility crossings.

<u>Structure</u>	<u>Owner</u>	<u>Rep. To Contact</u>
Pipeline	Chevron Texaco	
Pipeline	Exxon Mobil	Savoir

11. Safety and Accidents.

NONE

12. Additional comments pertaining to construction, completed project, etc.

NONE

13. Significant Construction Dates: To be filled out by DNR Construction Project Manager or Contracting Officer for construction for Agency responsible for construction.

	Date	Bid I.D.
Bid I.D. (Construction, Vegetation, etc.)	12-30-2004	AG-7127-S-05-0011
Bid Opening	3-30-2005	
Construction Contract Award	5-26-2005	50-7217-05-0003
Preconstruction Conference	6-24-2005	
Notice to Proceed	5-8-2006	
Mobilization	5-15-2006	
Construction Start	5-23-2006	
Construction Completion	7-10-2009	
Final Acceptance	7-10-2009	

If different bids are taken, repeat this table to individually reflect each bid and attach tables.

Other significant Project Dates

Date

Project Implementation closeout**

Start of Preconstruction Monitoring***

Preconstruction Aerial Photography Acquisition***

Monitoring Plan Completion***

**** Final implementation closeout is made by either the DNR Project Manager or the Federal Agency Contracting Officer depending on which organization had lead role for construction of project.**

***** To be completed by DNR Project Manager.**