

## PROJECT COMPLETION REPORT

**PROJECT NAME:** GIWW to Clovelly Hydrologic Restoration Project (BA-02)  
Timber Pile Cluster and Navigational Aid Replacement

**REPORT DATE:** January 4, 2007

**PREPARED BY:** LDNR-TFO

### 1. Project Managers/ Contracting Parties

**DNR Project Manager:** Brian Babin

**O&M/ Construction Manager:** Brian Babin

**NRCS Project Manager:** Brad Sticker

**Construction Administrator/ Inspection:** LDNR-TFO

### 2. Description of maintenance project.

On September 25, 2006, LDNR was notified by Shaw Coastal, Inc., who is providing inspections services for the Little Lake Marsh Creation and Shoreline Protection Project (BA-37), that the timber pile cluster and navigation light located along Clovelly Canal at the mouth of Little Lake was destroyed. Apparently, a barge or large vessel accessing the barge bay at Structure 14A collided with the timber pile cluster on September 22, 2006. The initial report from Shaw Coastal was that the entire structure had been destroyed with only a 3' to 4' section of one batter pile was protruding from the water surface. (Below is a photo of the damage to the timber pile cluster)

Since the exposed batter pile can be a navigation hazard, Shane Triche and Brian Babin visited the site on September 26, 2006 to mark the exposed batter pile with nail-on reflectors and reflective tape until arrangements are made for the replacement of the structure.

Plans and specifications were prepared by the LDNR-TFO and faxed bids received in late October 2006.

**3. Final As-built features constructed and rehabilitated.**

The timber pile cluster replacement consist of the installation of 60' long 2.5 CCA treat timber piles with navigation light and signage, and the removal of existing structure below the mudline. (Below are photos of the completed structure)

The new navigation light assembly was supplied by Automatic Power, Inc. of Larose, La. and consisted of three leg adjustable stand constructed of aluminum with battery box, solar panel and red LED flashing bulb.

**4. Project Cost Estimates**

	<b>Work Order Estimate</b>	<b>Actual Cost</b>
Construction	\$14,000	\$14,000
Engineering and Design	LDNR-TFO	LDNR-TFO
Bidding	LDNR In-house	LDNR In-house
Construction Administration	LDNR-TFO	LDNR TFO
Construction Oversight	LDNR-TFO	LDNR-TFO
As-built Survey and Drawings	N/A	N/A
<b>Project Totals:</b>	<b>\$14,000</b>	<b>\$14,000</b>

**5. Final Contract Quantities**

<b>Item</b>	<b>Description</b>	<b>Units</b>	<b>Unit Rate</b>	<b>Total</b>
1	Mobilization/ Demobilization	LS	\$2,000	\$2,000
2	Removal and Replacement of Timber Pile Cluster	LS	\$8,000	\$8,000
3	Installation of Navigation Aid System and Signage	LS	\$4,000	\$4,000

**Total Project Cost: \$ 14,000**

**6. Construction and Construction Oversight**

Prime Contractor	Tidewater Dock, Inc.
Original Construction Contract	\$14,000
Change Orders (over) Runs	\$ 0
Final Construction Contract	\$14,000

**7. Major Equipment Used:**

Crane LS 338  
DJH6 Spud Barge  
Captain Craig Tug Boat  
Jo boat

**8. Discuss construction and sequences and activities.**

The contractor completed construction in two (2) days. Timber piles were driven on first day and all hardware and navigation light installation completed on day 2.

**9. Construction Change Orders and Field Changes**

No change orders or field changes executed during construction.

**10. Pipelines and other utility Crossings**

No pipelines were within the construction limits of this project.

**11. Safety and Accidents**

No safety violations or accidents during construction.

**12. Additional comments pertaining to construction of the project.**

No additional comments regarding construction.

**13. Significant Construction Dates**

	<b>Date</b>	<b>Bid I.D.</b>
<b>LDNR Bid Identification:</b>		<b>PO# 3093282</b>
<b>Pre-Bid Conference</b>	<b>N/A</b>	
<b>Bid Opening</b>	<b>11/1/2006</b>	
<b>Construction Contract Award</b>	<b>12/6/2006</b>	
<b>Pre-construction Conference</b>	<b>12/11/2006</b>	
<b>Notice to Proceed</b>	<b>12/6/2006</b>	
<b>Mobilization</b>	<b>12/10/2006</b>	
<b>Construction Start</b>	<b>12/11/2006</b>	
<b>Final Acceptance</b>	<b>12/20/2006</b>	

**14. Photos of damage to timber pile cluster and completed maintenance repairs.**



Photo of timber pile cluster and navigation light prior to being destroyed.



Timber pile cluster after damage showing batter pile protruding from waters surface.



Replacement of timer pile cluster and navigational aid lights and signage.