DNR Contract No. 2503-03-18
Surveying and Engineering Services

Lake Chapeau Warning Buoy Replacement (TE – 26)
Terrebonne Parish, LA

FINAL REPORT

Picciola & Associates, Inc.
Consulting Engineers & Land Surveyors
P.O. Box 687
Cut Off, LA 70345

December 2004
1. Project Managers/Contracting Officers:

Federal Agency: NMFS
Project Manager: Cheryl Brodnax  Phone: (225) 578-7923
State Agency: Louisiana Department of Natural Resources
Construction Manager: Shane Triche  Phone: (985) 447-5073
Engineering Manager: Brian Babin  Phone: (985) 447-0956
Project Representative: Picciola & Associates, Inc.
Project Manager: Joe Picciola  Phone: (985) 632-5786
Constr. Admin.: Harold Duet  Phone: (985) 632-5786
Project Rep.: Ray Leblanc  Phone: (985) 632-5786
Land Owner: Point Au Fer, L.L.C.
Land Manager: Allan Ensminger  Phone: (337) 462-0762
Contractor: Dupre Brothers Construction Co., Inc.
Project Manager: Kevin Parfait  Phone: (985) 879-4440

2. Location and description of projects as approved for construction:

The Lake Chapeau Marsh Creation Project is located on the Point Au Fer Island, in the vicinity of Lake Chapeau, approximately 30 miles south of Morgan City, Louisiana. The project is bounded by Four League bay to the north, Atchafalaya Bay to the West, Locust Bayou and a network of canals to the south, and Wildcat Bayou to the east. The principle project featured include seven (7) rock plugs structures across existing oil field canals with warning buoy systems, dredging of 6,400 linear feet of Locust Bayou and hydraulic placement of 722,000 cubic yards of sediment.
The Project consists of replacing the existing warning buoy system with a galvanized steel pipe system at six (6) of the seven (7) rock plugs mentioned above. The structures to be modified are Sites 1, 4, 5, 6, 7, & 9. The existing buoy system is constructed of 4” schedule 40 pipes set on both sides of the structure with orange floating capsule buoys connected by steel cables to form a visual barrier system blocking the canal. This project requires the removal of the existing buoy system at the six (6) plug sites and replacing it with the more rigid galvanized steel structure to block access to the structure. The proposed structure shall consist of timber piles driven every 20 ft. across the canal with 4” diameter horizontal galvanized piping connecting the vertical members. Each structure shall be marked with appropriate warning signs and reflective tape to assure visibility at night.

3. Final, As-Built features.

The Final Project features followed exactly as planned save for three (3) Items.

a) We increased the height of the bottom rail of the warning barricade from +2.0 Ft. NAVD to +2.5 NAVD at the request of the DNR Construction Manager.

b) Timber piles were allowed to be provided with 2.5 CCA Treatment in lieu of 20# Creosote as requested by the Contractor. This was approved by the Project Representative and DNR as a no Cost Change.

c) The contractor also proposed to provide pipeline shrink wrap (SHAIC HS-340) around the Galvanized Pipe Field Splices in lieu of prepping and cold galvanizing. This was approved by the Project Representative and DNR as a no Cost Change.

The lengths of the barriers varied slightly from the planned quantity and are noted on the record drawings provided by the Contractor and included in this report.
4. Key Project Cost Elements

<table>
<thead>
<tr>
<th>Cost Element</th>
<th>Work Order Estimate</th>
<th>Actual Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>$226,055</td>
<td>$273,670</td>
</tr>
<tr>
<td>Engineering and Design</td>
<td>$25,300</td>
<td>$25,160.50</td>
</tr>
<tr>
<td>Engineering and Design (LDNR)</td>
<td>-</td>
<td>$7,840</td>
</tr>
<tr>
<td>Bidding</td>
<td>$1,172</td>
<td>$1,080</td>
</tr>
<tr>
<td>Construction Administration</td>
<td>$7,208</td>
<td>$4,360</td>
</tr>
<tr>
<td>Construction Administration (LDNR)</td>
<td>-</td>
<td>$4,540</td>
</tr>
<tr>
<td>Construction Oversight</td>
<td>$14,840</td>
<td>$14,095</td>
</tr>
<tr>
<td>Project Totals:</td>
<td>$274,215</td>
<td>$330,745.50</td>
</tr>
</tbody>
</table>
5. Items of Work:

| Base Bid |
|------------------|-----------------|-----------------|-----------------|
| Item No. | Item of Work | Quantity | Unit | Unit Price | Amount |
| 1 | Mobilization & Demobilization | 1 | LS | $20,000.00 | $20,000.00 |
| 2 | Removal of Existing Warning Buoy Structures | 1 | LS | $12,000.00 | $12,000.00 |
| 3 | Timber Pilings 20' L 1,000 LF | | | $23.00 | $23,000.00 |
|  | Timber Pilings 30' L 1,740 LF | | | $23.00 | $40,020.00 |
|  | Timber Pilings 40' L 880 LF | | | $23.00 | $20,240.00 |
| 4 | Piling Caps (Galvanized) | 130 | Each | $12.00 | $1,560.00 |
| 5 | Fabricated Brackets (Galvanized) | 260 | Each | $100.00 | $26,000.00 |
| 6 | 4” Schedule 40 Pipe (Galvanized) | 4,450 | LF | $25.00 | $111,250.00 |
| 7 | Warning Signs | 18 | Each | $950.00 | $17,100.00 |
| 8 | Reflective Tape | 1 | LS | $2,500.00 | $2,500.00 |

Base Bid Total (Items 1 thru 8) $273,670.00
6. Construction and construction oversight:

**ITEM**

<table>
<thead>
<tr>
<th>Prime Construction Contractor</th>
<th>Dupre Bros. Construction, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subcontractor</td>
<td>N/A</td>
</tr>
<tr>
<td>Subcontractor</td>
<td>N/A</td>
</tr>
<tr>
<td>Original Construction Contract</td>
<td>$273,670.00</td>
</tr>
<tr>
<td>Change Orders</td>
<td>$0.00</td>
</tr>
<tr>
<td>Over/Under Runs</td>
<td>$0.00</td>
</tr>
<tr>
<td>Damages</td>
<td>$0.00</td>
</tr>
<tr>
<td>Total Construction Contract Cost</td>
<td>$273,670.00</td>
</tr>
</tbody>
</table>

7. Major Equipment:

- Spud Barge - DB-4 with Crane LS 108
- 1 – Tug Boat – M/V JJ
- Material Barge - LML 102
- 26 ft. Aluminum Crewboat

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

a) Contractor completed sites in the following order: 1, 7, 9, 6, 5 and 4. All sites were installed in the same sequence as follows.

b) Alignment was established for driving of Timber Piles.

c) Timber Piles were driven to desired Grade.

d) Alignment was established for pipe rails.
e) Timber Piles were notched for brackets and then tops cut.
f) Pipe brackets were installed, nailed then bolted through the timber piles.
g) 4” galvanized pipes were slid through brackets and then splices welded together and end caps installed.
h) Shrink wrap was installed over field splices on 4” galvanized pipe.
i) Galvanized Sheet Metal Pile covers were installed over all piles.
j) Retroreflective tape was installed on 4” galvanized pipe.
k) Warning Signs were installed on Piles as required by the Project Plans.

9. Construction Change Orders and Field Changes:

Not Applicable.

10. Pipeline and other utility crossings.

Not Applicable.

11. Safety and Accidents:

Excellent Safety Record with no Accidents Reported.

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

The Contractor was 60 days over Contract Time. There are a number of factors which contributed to the time delinquency on this project.
The time for pre-fabrication of materials took longer than anticipated. This included fabrication of the pipe brackets and then galvanizing of these brackets.

Additional time was required due to several tropical systems moving in the area. Because of the remote location of the project and proximity to the Gulf of Mexico, all equipment had to be demobilized from the project site when a tropical system threatened and then remobilized to the project site when the weather cleared. During the project, this happened three (3) separate times.

Regarding the remaining days over contract time, consideration should be given to the Contractor because of his diligence and quality of work. All other aspects of the project went primarily as planned.

13. Significant Construction Dates:

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Contract Award</td>
<td>06/02/04</td>
</tr>
<tr>
<td>Pre-construction Conference</td>
<td>06/15/04</td>
</tr>
<tr>
<td>Notice to Proceed</td>
<td>06/16/04</td>
</tr>
<tr>
<td>Mobilization</td>
<td>07/30/04</td>
</tr>
<tr>
<td>Construction Start</td>
<td>08/02/04</td>
</tr>
<tr>
<td>Construction Completion</td>
<td>10/13/04</td>
</tr>
<tr>
<td>Final Acceptance</td>
<td>10/19/04</td>
</tr>
</tbody>
</table>
Project Pictures
Site #9  Before Barrier
P&A Daily Reports
**PROJECT NO.** 1125-0302
**NAME:** DR. LEE CHAPMAN
**DATE:** 8-2-0x
**CONTRACTOR:** Dupre Bros. Const

<table>
<thead>
<tr>
<th>STREET</th>
<th>STA. TO STA.</th>
<th>APPROXIMATE WORK ACCOMPLISHED</th>
</tr>
</thead>
</table>
|        |              | Left Marine at 7:00 AM, arrived at site at 8:30. Pushboat and supply cage along with barges and crane at site 1/2 mile before island. Contractor had to move boat trips blocking the channel toward the site. So pushboat and 2 barges cleared channel. Crew picked upequipment near site. At site & contractor setup pump, afterwards drove 11 finisher piles, according to plan 4-20', 4-30', 3-40'. Contractor used 3000 lb. Hammer. Weight of hammer above #5. Next 2 hours was to grade. Same on the piles. Weight of hammer was sufficient. Contractor finally use mite an equipment boat.
|        |              | Contractor - 4 men crew.  
          |              | Barge - 2 " " |

**OPERATIONS**

<table>
<thead>
<tr>
<th><strong>STARTED</strong></th>
<th>7:00 A.M.</th>
<th><strong>STOPPED</strong></th>
<th>7:00 P.M.</th>
<th><strong>TOTAL CONTRACT DAYS:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CONTROLLED</strong></td>
<td>Pile</td>
<td><strong>WEATHER:</strong></td>
<td>Clear</td>
<td><strong>DAYS USED:</strong> 96</td>
</tr>
<tr>
<td><strong>WORK ITEM:</strong></td>
<td>Barge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>WORKING CONDITIONS ON</strong></td>
<td>Good</td>
<td><strong>SIGNATURE INSPECTOR:</strong></td>
<td>[Signature]</td>
<td><strong>TODAY:</strong> 1</td>
</tr>
<tr>
<td><strong>CONTROLLED WORK ITEM:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TEMP:</strong></td>
<td>92 MAX: 84 MIN:</td>
<td><strong>PROJECT ENGINEER:</strong></td>
<td></td>
<td><strong>CONTRACT DAYS REMAINING:</strong> 13</td>
</tr>
</tbody>
</table>
**PROJECT DIARY**

**NAME:** DNK - Lake Chaparral  
**DAY:** Tuesday  
**DATE:** 4-3-04  
**CONTRACTOR:** Breaux Bros Const.

<table>
<thead>
<tr>
<th>STREET</th>
<th>STA. TO STA</th>
<th>APPROXIMATE WORK ACCOMPLISHED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>At Site #1 Contractor notified Placa to install Plate Smooth Sealant new 4 in Grooved Pipe in Seel.</td>
</tr>
</tbody>
</table>

Spoke to Joe he said to use bare or grooved Pipe when he centure首创 here DNR see other control point on the 4th site.

Contractor - 4-man crew  
Boat - 2 " "

**OPERATIONS**  
**STARTED:** AM 1:50  
**STOPPED:** PM 6:00  
**TEMP:** 97  
**MAX:** 87  
**MIN:**

**SIGNATURE INSPECTOR:** Ray D. Blane  
**TODAY:** 1  
**TOTAL CONTRACT DAYS:** 60  
**DAYS USED:** 47  
**CONTRACT DAYS REMAINING:** 12
**STREET** | **STA. TO STA.** | **APPROXIMATE WORK ACCOMPLISHED:**
--- | --- | ---
 |  | Contractor used 3/8" galvanized fittings and hangers to secure all pipe. Pitted work sleeve. Contractor also installed epoxy barrier inside and for around pipe to prevent metal to metal. Also welding 40 1/4" x 6 3/8" joints at end of each pipe.

**OPERATIONS**
**STARTED:** 7:00 A.M.  **STOPPED:** 6:00 P.M.
**CONTROLLING WORK ITEM:** Pipeline  **WEATHER:** Cold
**WORK ITEM:** Pipelines  **DAYS USED:** 48
**WORKING CONDITIONS ON CONTROLLING WORK ITEM:** Good  **SIGNATURE INSPECTOR:**
**TEMP:** 95° MAX: 96° MIN:  **PROJECT ENGINEER:**
**TOTAL CONTRACT DAYS:** 60  **TODAY:** 1
**CONTRACT DAYS REMAINING:** 11
**Project Diary**

**Project No.:** 1125-0302  
**Report No.:** 4  
**Name:** DNK - Lake Chaplin  
**Day:** Thursday  
**Date:** 04-05-45  
**Contractor:** Devereaux Mason

### Approximate Work Accomplished:

- 1145 Have delayed our arrival on going to the job site at job site, contractor welding 6" pipe, also installing coating and 30x30" crane and cutting 2½x2½" galvanized sheet metal on top of piles. At site #1: 6 1/2 plate butt sleeves.

- After remaining at site #1:
  - Sign
  - 6 piles to cap
  - Step 4 on 4" pipe.

- Secured 12 drums for striping called Kevin, also requested sign at each site. 1-2 signs, 4-4 signs, 5-1 each side. 6-2 signs, 7-4 signs.

- Contractor - 4 man crew

### Operations

- **Started:** 7:00 A.M.  
- **Stopped:** 6:30 P.M.

### Controlling Work Item

- **Weather:** Clean

### Working Conditions on Controlling Work Item: Good

- **Temp:** 94° MAX, 79° MIN.

**Signature Inspector:** [Signature]  
**Today:** 1  
**Total Contract Days:** 60  
**Days Used:** 44  
**Contract Days Remaining:** 16
**PROJECT NO.** 1125-0302  
**NAME:** DNK - Lake Chapman  
**DAY:** Monday  
**DATE:** 4-6-84  
**CONTRACTOR:** Dupre Bros Land

<table>
<thead>
<tr>
<th>STREET</th>
<th>STA. TO STA</th>
<th>APPROXIMATE WORK ACCOMPLISHED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>I called late afternoon on Thursday, said Contractor don't have time to come over. We met on site and he confirmed that we cannot start work on Saturday or any day if I can't go on the site. He offered to have the barge and supply arrive to site #7 this AM. We (Contractor and I) checked site #7-5 and #6 for exact location. Also picked up barge on barge.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Today crew had trouble setting up any barging in area at site #7 due to low tide, of admiralty B.T. work. Crew broadcast to check pipeline canal from the barge. Site became a mess and you don't get to #7 from the area. Contractor down to #7 Amber Piles to grade out site #7. 2-20' 3-30' 1-40' weight hammer 5' Rest two at grade. Contractor: Foreman Crew (1 pm start) Port: 2:11 PM</td>
</tr>
</tbody>
</table>

**OPERATIONS STARTED** 7:00 A.M.  
**OPERATIONS STOPPED** 6:00 A.M.  
**TOTAL CONTRACT DAYS:** 60  
**DAYS USED:** 50  
**TEMP:** 98  
**MAX:** 79  
**MIN:** 60  
**PROJECT ENGINEER:**

**SIGNATURE INSPECTOR:** E. LeBlanc  
**TODAY:** 1
**PROJECT NO.:** 1125-0302  
**NAME:** Daniel - Dale Deegan  
**DATE:** 09/04  
**CONTRACTOR:** Depro Bros Const.

<table>
<thead>
<tr>
<th>STREET</th>
<th>STA. TO STA</th>
<th>APPROXIMATE WORK ACCOMPLISHED:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>On Saturday, contractors placed pipe to anchors.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Plate &amp; hate sleeves, placed sleeve for future 12&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Install top and bottom pipe, approx 170'.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Today contractors drove 6 timber piles on 1st North side.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Set #1 2-20', 3-30', 1-40', also fashioned pipe to</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Install plate &amp; hate sleeve, and added 10&quot; pipe.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Building help to secure plate with 2 12' feet.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10' pipe drilled approx 170', still experiencing low tide.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Problems with weight of hammer still need to blow in excess to grade.</td>
</tr>
</tbody>
</table>

**Contractor:** 4 men crews  
**Train:** 2 *11*

**OPERATIONS**  
**STARTED:** 6:00 A.M.  
**STOPPED:** 6:00 P.M.  
**TOTAL CONTRACT DAYS:** 60

**CONTROLLING WORK ITEM:** Pile  
**WEATHER:** Cloudy  
**DAYS USED:** 53

**SIGNATURE INSPECTOR:** *Signatures*  
**TODAY:** 1  
**PROJECT ENGINEER:**  
**CONTRACT DAYS REMAINING:** 60
<table>
<thead>
<tr>
<th>STREET</th>
<th>STA. TO STA.</th>
<th>APPROXIMATE WORK ACCOMPLISHED:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Due to low tide, contractor can only work one side at a time.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contractor installing 100 line ranging. Steel is also welding 4&quot; pipe to complete all joints. Also drilling holes to secure pipe with steel.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Set #7 on north side. Need cap on Pierce. Stairs can sign.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tie the 4&quot; pipe installed at Site #7 half.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Red Boat moved up 2 feet, round at Site #7 to setup on opposite side. But due to storm in Gulf, came loose may go in at 11pm.</td>
</tr>
</tbody>
</table>

**PROJECT DIARY**

**NAME:** DWR - John Chapman

**DAY:** Tuesday

**DATE:** 8-10-04

**CONTRACTOR:** Dupre Bros. Const.

**OPERATIONS**

<table>
<thead>
<tr>
<th>STARTED</th>
<th>STOPPED</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 A.M.</td>
<td>6:30 A.M.</td>
</tr>
</tbody>
</table>

**TOTAL CONTRACT DAYS:** 60

**DAYS USED:** 54

**TEMP:** 91° MAX: 75° MIN: 65°

**PROJECT ENGINEER:**

**SIGNATURE INSPECTOR:**

**TODAY:** 1

**CONTRACT DAYS REMAINING:** 5
**PROJECT NO.** 1135-0302  
**NAME.** DAIR - Abe Chapman  
**DAY.** Monday  
**DATE:** 8-16-04  
**CONTRACTOR.** Dugas 13oz. Cont.  

<table>
<thead>
<tr>
<th>STREET</th>
<th>STA TO STA</th>
<th>APPROXIMATE WORK ACCOMPLISHED:</th>
</tr>
</thead>
</table>
|        |            | Last week Contractor shut down all activity on Wednesday, Thursday and Friday due to hurricane in gulf of mexico. This week departure from Project delays due to heavy rains. At Site #7 Contractor had to move 100' of poles so that 10' of 2 x 6's could be accessible.  
2 Center Poles for Sign. Contractor driving fence Poles at Site #7 on the North Side, 4-20'; 6-30'; 8-50' Weighty hammer. Drive Pile 5' just two Blow 1' - Blow at grade. Contractor picked up bungs and Pattern Supply buns. |

---

**OPERATIONS**  
**STARTED:** 7:00 A.M.  
**STOPPED:** 6:00 P.M.  
**TOTAL CONTRACT DAYS:** 60  
**DAYS USED:** 60  
**PROJECT ENGINEER:**
<table>
<thead>
<tr>
<th>STREET</th>
<th>STA. TO STA.</th>
<th>APPROXIMATE WORK ACCOMPLISHED:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Watched Foster mite for plates with sleeve</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prescribed Behrens plates with sleeve plus installing 4&quot; pipe - continue 252'</td>
</tr>
</tbody>
</table>

**Contractor:** 4 man crew

**Boot:** 2

<table>
<thead>
<tr>
<th>OPERATIONS</th>
<th>STARTED</th>
<th>OPERATIONS</th>
<th>STOPPED</th>
<th>TOTAL CONTRACT DAYS:</th>
<th>DAYS USED:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7:00 A.M.</td>
<td>6:00 A.M.</td>
<td></td>
<td>60</td>
<td>60</td>
</tr>
</tbody>
</table>

**CONTROLLING WORK ITEM:** 
**WEATHER:** clear

**WORKING CONDITIONS ON CONTROLLING WORK ITEM:** good

**TEMP:** 89° MAX: 70° MIN: 2 days over contract
Project No.: 1625-0302
Name: John Chapman
Date: 4-18-64
Contractor: Digging Bros.

Street

Sta. To Sta. Approximate Work Accomplished:
Conductor Wilding 4" Dalrongo Ripe also wading
Three Rebar Wire Sleeves Contractor Cutting Sleeves
Rein to grade. Applied TWO center Ripe into Dalrongo Sheet
Laid 2" 2x6 Pressure Treated for 4x4" Sign also picked
Laid 3 Rebar at site #7 to encase Ripe until Sleeve.

Contractor - 3 man crew
Dirt - 2 1/2 tires

Operations Started: 7:00 A.M. Operations Stopped: 6:00 P.M.
Total Contract Days: 60
Controlling Work Item: Backfill
Weather: Clear
Days Used: 60
Working Conditions on Controlling Work Item: Good
Signature Inspector: Dayle B. 3 days remaining

Temp: 90 Max: 70 Min: Project Engineer: 3 days over contract
PROJECT NO. 1125-0302
NAME: D.W. Lake (Chapard)
DAY: Thursday
DATE: 6-19-04
CONTRACTOR: Durance (Water Control)

STREET | STA. TO STA. | APPROXIMATE WORK ACCOMPLISHED:
--------|--------------|--------------------------------------------------
        |              | Today is the 7th day of Site #1, Item #1 of work.
        |              | Setup line out = length. - Dave, Tom - Jim, Ed.
        |              | Watch Poles for Plate & Stake Plate.
        |              | Install Plate first. Pulling Poles in Poles for
        |              | 12" Poles, Secure Plate: Install Pipe (4") for length, stake.
        |              | Depress Plate inside Slab. 48 Plate w/而言
        |              | At Site # 7 - complete. Remove 1" Cloth, Coating, and Sheet metal on Pile.
        |              | 4' x 4' Sign, Reflective Strip.

Visiting D.W. Lake- Picciola, Skane and Associates (NR), Kevin Perrot
Contractor- 4 Men Crew

OPERATIONS STARTED 7:00 A.M. OPERATIONS STOPPED 6:00 A.M.
CONTROLLING WORK ITEM: Project
WEATHER: Clear

TOTAL CONTRACT DAYS: 60
DAYS USED: 60

WORKING CONDITIONS ON CONTROLLING WORK ITEM:

TEMP: 89 MAX: 74 MIN:

PROJECT ENGINEER:

SIGNATURE INSPECTOR: Day LeBleu

TODAY:

CONTRACT DAYS REMAINING: 46 days over contract
**PROJECT NO.** 1135-0202

**NAME:** DARR - LAKE STEPPMAN

**DATE:** 6-25-04

**CONTRACTOR:** Superior Bros. Const.

---

**STREET** | **STA. TO STA.** | **APPROXIMATE WORK ACCOMPLISHED:**
---|---|---

2-man crew at site #1 completed metal pipe down and steps which were installed around pipe. Only remaining item at site #1 is to install sign.

4-man crew at site #9 delivered timber poles - 17 driven to grade.

Contractor 2-man crew at site #1 installing metal pipe caps and steps.

---

**OPERATIONS**

**STARTED:** 7:00 A.M.  **STOPPED:** 6:00 P.M.

**TOTAL CONTRACT DAYS:** 60

**CONTROLLING WORK ITEM:** Backhoe  **WEATHER:** Clear

**DAYS USED:** 60

**WORKING CONDITIONS ON CONTROLLING WORK ITEM:** Good

**SIGNATURE INSPECTOR:**

**PROJECT ENGINEER:**

**TEMP:** 88 MAX: 76 MIN: 5 days over contract
**Project Diary**

**Project No.:** 1025-038

**Name:** Danele Choppe

**Day:** Monday

**Date:** 8-23-04

**Contractor:** Augusto Rosemante

### Approximate Work Accomplished:

- On Saturday, contractor put a 4 Man Crew at Site #7 on the east side and started backfilling the cap and first strip on the east side. Also installed 168' of 4" pipe according to plans.

- At Site #9, notched piles installed. 4Hoe made for sleeve and installed 168' of 4" pipe.

- On Saturday, Jerry LeBlanc came to Site and tried to have contractor put all Berry's ground at Site #7 on the ship ground. Contractor will do this after picking up all gravel at 9, 6, and 4.

- At Site #9, one installed pile and sleeve along with 40' pipe 168' contractor also threw 4 toe-in piles 'cause not drain fast. Due to low tide, will do it in AM. Check drainage pattern in sleeve.

### Operations

- **Time:** 7:00 A.M. to 6:00 P.M.

### Controlling Work Item

- **Weather:** Clear

### Working Conditions

- **Temp:** 91 Max., 70 Min.

### Total Contract Days: 60

### Days Used: 60

### Signature Inspector: Jerry LeBlanc

### Today: 1

### Contract Days Remaining: 8
**PROJECT NO.** 1125-6302  
**NAME:** DNR - Lake Charlevoix  
**DAY:** 4-24-04  
**DATE:**  
**CONTRACTOR:** Duque Bros. Const.

### APPROXIMATE WORK ACCOMPLISHED:

- With high tide contract was able to drain boat pile on North side at Site #9 also matched timber pile #18, successfully.
- Put in steel anchoring plate 12" to 14" B.C. Afterward.
- Installed 336' 4" Pipe in sleeve.

- Went to Site #7 to check what crew did on Saturday.
- Work is satisfactory.

- Contractor - 4 man crew
- Boat: 2, 11

### OPERATIONS

- **STARTED:** 7:00 A.M.  
- **STOPPED:** 6:00 P.M.  
- **TOTAL CONTRACT DAYS:** 60  
- **DAYS USED:** 60

### WORKING CONDITIONS

- **WEATHER:** Clear
- **SIGNATURE INSPECTOR:** Joe LeBlanc
- **TODAY:**  
- **TEMP:** 91  
  - **MAX:** 74  
  - **MIN:**  
- **PROJECT ENGINEER:**  
- **CONTRACT DAYS REMAINING:** 9 days over contract
**PROJECT DIARY**

**NAME:** DNR - J. E. Chapman  
**DATE:** 8-25-69  
**CONTRACTOR:** Dig hip 7926 east

<table>
<thead>
<tr>
<th>STREET</th>
<th>STA TO STA</th>
<th>APPROXIMATE WORK ACCOMPLISHED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Contractor welding 4&quot; Belzonged pipe also ductile.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Groggin platen in sleeve, afterward cut beryllium.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reaming fillet at site of 9 to ductile plate but sleeve on.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reaming 4&quot; Contractor Welded Cap at end of pipe.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reaming existing concrete of side of site #5.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Insert 4&quot; Air on rent 4 pipe.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Plate on sleeve.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Belzonged Cap on Piles.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Strip.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Warning Sign.</td>
</tr>
</tbody>
</table>

**Contractor - 4 Man Crew**

<table>
<thead>
<tr>
<th>OPERATIONS STARTED</th>
<th>7:00 A.M.</th>
<th>OPERATIONS STOPPED</th>
<th>6:00 P.M.</th>
</tr>
</thead>
</table>

**TOTAL CONTRACT DAYS:** 60  
**DAYS USED:** 60  
**PROJECT ENGINEER:**  
**SIGNATURE INSPECTOR:** D. M. Blane  
**TODAY:** 4  
**TEMP:** 91 MAX: 70 MIN.
<table>
<thead>
<tr>
<th>REPORT NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROJECT DIARY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PICCIOLA &amp; ASSOCIATES, INC.</td>
</tr>
<tr>
<td>103 PICCIOLA PARKWAY, P.O. BOX 687</td>
</tr>
<tr>
<td>504-632-5786, 504-632-2407 Fax</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROJECT NO.</th>
<th>NAME:</th>
<th>DAY:</th>
<th>DATE:</th>
<th>CONTRACTOR:</th>
<th>STREET TO STA.</th>
<th>APPROXIMATE WORK ACCOMPLISHED:</th>
</tr>
</thead>
<tbody>
<tr>
<td>UDS-1302</td>
<td>Dale P. Altstadt</td>
<td>8-26</td>
<td></td>
<td>P. Charles</td>
<td>1302</td>
<td>Chalk 1s to site 6.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WORKED</th>
<th>8-30 A.M.</th>
<th>6:00 A.M.</th>
<th>OPERATIONS STARTED</th>
<th>OPERATIONS STOPPED</th>
<th>WEATHER</th>
<th>PROJECT ENGINEER</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

| CONTROLLING WORK ITEM | WORKING CONDITIONS ON | TEMPERATURE MAX. | MIN. | |
|-----------------------|------------------------|------------------|------| |
|                       |                        | 90°               | 21°  | |
**PROJECT DIARY**

**PROJECT NO.** 1625-0307  
**NAME:** Donavan Chapman  
**DAY:** Friday  
**DATE:** 8-20-04  
**CONTRACTOR:** Dupre Bros. Const.

<table>
<thead>
<tr>
<th>STREET</th>
<th>STA. TO STA</th>
<th>APPROXIMATE WORK ACCOMPLISHED:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Contractor used small boat to move boat in Clinic so Bridge boat could pass to the south side of Jet #9.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>At site, contractor set up lay boat to drive timber piles due to rain storm in afternoon. Contractor was only able to drive 6 timber piles 6'20' piles.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Low tide remains to be a problem.</td>
</tr>
</tbody>
</table>

**OPERATIONS**  
**STARTED:** 7:00 A.M.  
**STOPPED:** 6:00 P.M.  
**CONTRIBUTING:**  
**WORK ITEM:** Embankment  
**WEATHER:** Clear rain storm in afternoon  
**WATER CONDITION ON:** Good  
**SIGNATURE INSPECTOR:** Day Le Blanc  
**TOTAL CONTRACT DAYS:** 60  
**DAYS USED:** 60  
**TODAY:** 1  
**PROJECT ENGINEER:**  
**TEMP:** 92 MAX: 70 MIN:  
**CONTRACT DAYS REMAINING:** 12 days over contract.
PROJECT NO.  1625-0342
NAME: DNR - John Chapman
DAY: Monday
DATE: 8-20-04
CONTRACTOR:

PROJECT DIARY

STA. TO STA | APPROXIMATE WORK ACCOMPLISHED:

On Saturday Contractor at Site #7, Installed Seismograph
Pipe come on timber pile on the South Side also installed
Stripes on both pipe as per plan.

At Site #7 remaining at Site #7 is stripes on the bottom pipe
and Signs on the North side also.

At Site #9 Contractor driving timber pile to 1-20', 8-30', 3-40'

Every 2 at Site #9 moved to Site #7 50%.

Contractor 4 Men

OPERATIONS  A.M.  OPERATIONS  A.M.
STARTED  7:00  P.M. STOPPED  6:00  P.M.

TOTAL CONTRACT DAYS: 60
DAYS USED: 60

CONTROLLING WORK ITEM: Barreled
WEATHER: Overcast

WORKING CONDITIONS ON CONTROLLING WORK ITEM: Good

SIGNATURE INSPECTOR: Gay Lee Williams

PROJECT ENGINEER:

TEMP: 90 Max: 71 Min

CONTRACT DAYS REMAINING: 15 days over contract
<table>
<thead>
<tr>
<th>STREET</th>
<th>STA TO STA</th>
<th>APPROXIMATE WORK ACCOMPLISHED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Contractor switched tendon pole to anchor Plate; 6' X 6' 10&quot; with 336'</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contractor anchoring Plate with Steel; also 4&quot; Pipe 336'</td>
</tr>
<tr>
<td></td>
<td></td>
<td>18 Plate's with Steel 2 Bollard Plate as per plan</td>
</tr>
<tr>
<td></td>
<td></td>
<td>also anchoring tendon Poles at grade at Site # 9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Body of Water from Site # 9 to Site # 7</td>
</tr>
</tbody>
</table>

**Contractor** - 3 man crew

**Start** - 7:00 A.M.
**Stopped** - 6:00 P.M.
**TOTAL CONTRACT DAYS: 60**

**Controlling Work Item:** Concrete
**Weather:** Clear
**Working Conditions:** Average

**Signature Inspector:**

**Today:** 1

**Temp:** 84 Max: 71 Min

**Project Engineer:**

16 Days over Contract
**PROJECT NO.** 1125-0302  
**NAME:** DNR - John Chapman  
**DAY:**  Wednesday  
**DATE:** 9-1-06  
**CONTRACTOR:** Dugas Rein Pnt.  

<table>
<thead>
<tr>
<th>STREET</th>
<th>STA. TO STA.</th>
<th>APPROXIMATE WORK ACCOMPLISHED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Contractor Welding Piple (4&quot;) for 2513.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Concrete Cutoff in Sleeve at 51 ft. 9&quot;) Contractor</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Matching Trench Pile to Another Plate &amp; Pile</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 Clear Contractor Welding Plate &amp; at end of Pile</td>
</tr>
</tbody>
</table>

**OPERATIONS**  
**STARTED:** 7:00 A.M.  
**STOPPED:** 6:00 A.M.  
**TOTAL CONTRACT DAYS:** 60  
**DAYS USED:** 60  
**TEMP:** 80 Max: 72 Min.  
**SIGNATURE INSPECTOR:**  
**TODAY:** 1  
**PROJECT ENGINEER:** 17 Days over Contract  
**CONTRACT DAYS REMAINING:**
PROJECT NO. 125-0302

NAME: DWK - Darin Chasen

DAY: Thursday

DATE: 9-2-02

CONTRACTOR: Duree Bros. Const.

STREET

STA. TO STA. APPROXIMATE WORK ACCOMPLISHED:

11-25-0302 spoke to Joe this AM regarding sheet 3 and contractor sent

20-0302 working on Saturday and will work on Labor Day (Monday) also

20-0302 reconvene to site 6-6 by weekend

20-0302 contractor detailing plates more, sheen of mounting installed

20-0302 pipe 2" the length 32' 8'

20-0302 contractor in afternoon welded 4" pipe

20-0302 to complete Hopkins Bottom also detail 3 200 plates in sheen in - 20 plates with sheen

20-0302 arm's remaining at site 39

20-0302 2x6" for sign

20-0302 sign strip on pipe

20-0302 pipe

20-0302 contractor of man crew

TOTAL CONTRACT DAYS: 60

DAYS USED: 60

PROJECT ENGINEER: 

18 days over contract
PROJECT NO.: 120-0302
NAME: Dale - L. Chapman
DAY: Friday
DATE: 9/3/04
CONTRACTOR: Murphy Bros. Co., Inc.

STREET

STA. TO STA. APPROXIMATE WORK ACCOMPLISHED:

Contractor was cleaning a pump in Sleum.
Also put 3" for Sleum, destalle 4 X 4 Sign.
Seeming well 3/4" Bolting Rods and 3/8" Bolts then
Pulver liquid. Rein strong came in A.M. Stepone all
activity for opening 1 hr. Contractor destalled
debras cloth after coating type 3P漆, and
cut 24" X 24" Bolting Shank on flour in Cave.

Warden C. Mann (left)

OPERATIONS:
STARTED: 7:00 A.M.
STOPPED: 6:00 P.M.
TOTAL CONTRACT DAYS: 100

CONTROLLING WORK ITEM: 9.07
WEATHER: Clear
DAYS USED: 100

WORKING CONDITIONS ON
CONTROLLING WORK ITEM:

TEMP: 89 MAX: 74 MIN:
PROJECT ENGINEER:

SIGNATURE INSPECTOR:

14 days remaining contract
PROJECT NO. 1125-0302
NAME: DWR - Peter Gurney
DAY: Tuesday
DATE: 9-7-04
CONTRACTOR: Beans Farm Const

STREET | STA TO STA | APPROXIMATE WORK ACCOMPLISHED:
--- | --- | ---

On Monday, contractor had to use surge cart to move all
Dredge in Canal B leading to Site #5 aftensward.
Contractor worked on Dredge Barge. Pipe is needed for Site #5
in afternoo contractor did Dredge at Site #5. Dredge Area
peter up at Site #5 and upon arriving at Site #5 contractor
picked up all available surge and stored on Dredge Area.

Today contractor manpower on site one North Wind and
dcn 3-30’ and 3-30’ from South Barriade.

Contractor switching trane. Plane to install Plato’s level
Slaw. In 24 hrs the continue is to be a problem.

contractor - 4 man crew

2 11 04

OPERATIONS
STARTED 7:00 A.M.
STOPPED 6:00 P.M.

TOTAL CONTRACT DAYS: 60

GOOD
WEATHER: Clear

SIGNATURE INSPECTOR: D.W. Lynn

TEMP: 90 Max: 73 Min:

PROJECT ENGINEER:

23 days on contract
**Project Diary**

**Project No.:** 1125-0302  
**Name:** DWR - John Chapman  
**Day:** Wednesday  
**Date:** 9-8-04  
**Contractor:** R.T. Ross East

<table>
<thead>
<tr>
<th>STREET</th>
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</thead>
</table>
|        |             | Contractor Wedging Plates at end of Purnell. Contractor installing Plate butt Sleeve into former pipe with Silvaweld.  
Boots on South side at site #5 also installing Silvaweld.  
- 40" pipe Wedging Purnell in for length - 220' 8"  
- Plate butt Sleeve.  
- Afterward contractor installed  
- Upgrade cutoff in Sleeve.  
- Contractor - 4 man crew  
- Boot 2 "  |

**Operations**  
**Started:** 7:00 A.M.  
**Stopped:** 6:00 A.M.  
**Operations:** 13:00 P.M.  
**Total Contract Days:** 40  
**Days Used:** 40

**Controlling Work Item:** Backrest  
**Weather:** Clear  
**Working Conditions on Controlling Work Item:** Good  
**Signature Inspector:**  
**Project Engineer:**

**Temp:** 86 Max. 70 Min.  
**Contract Days Remaining:** 24 Days over contract
NAME: DNR - Kevin Chapman

PROJECT NO: 1125-0307

DATE: 9-9-07

CONTRACTOR: Depas Bros.

STREET | STA. TO STA | APPROXIMATE WORK ACCOMPLISHED

Contractor installing hydrant valves on south side at site #7. Also installing reflective type on 2 pipes on centerline. Installing 5x5 ft. for 4x4 ft. sign. 1 sign on south side and 1 to be installed on north side and sign.

Contractor moved crane to set up day out on the north side at site #5 after Chad atメーカー.

9 timbers: 5-20' 3-30'

Due to the delay in installing tape, Joe & Shane finished and DWK requested that we put a few reflective tape at site #9.

Visiting Job Site: Joe Picciola - PH, Shane Truex - DWK, Kevin Pasmant - Depas Bros., Alain Embrong - David Lang.

Contractor - 4 men crew

Boat 2 11 0

OPERATIONS STARTED 7:00 A.M. OPERATIONS STOPPED 6:00 A.M. TOTAL CONTRACT DAYS: 60

CONTROLLING WORK ITEM: Pipe/Pill

WORKING CONDITIONS: Barren/Weather: Clear

TEMP: 87° MAX: 73° MIN:

PROJECT ENGINEER: signatures

25 days over contract

TODAY: 1

DAYS USED: 60

TOTAL CONTRACT DAYS: 60

SIGNATURE INSPECTOR: Day & Elson

CONTRACT DAYS REMAINING:
PROJECT NO. 1120-8302
NAME: DNA - Luke Cooper
DAY: Friday
DATE: 9-10-04
CONTRACTOR: Dupre Bar Ass't

PROJECT DIARY

STREET
STA TO STA

APPROXIMATE WORK ACCOMPLISHED:
Contractor at Site # 5 matching flange pipe and welding 92" X 6 7/8" plate at end of pipe. Also installing flange plate with shear bolt. Contractor drilled flange holes to secure plate and afterward welded 4" pipe. Total 4" pipe installed 236"

Contractor will work on Saturday and try to finish Site # 5 and move on Sunday. They will finish # 6 if not well finish # 5 on Monday and still work longer and earlier on Sunday.

Contractor - 4 Man Crew
Post 2

OPERATIONS STARTED 7:00 AM STOPPED 6:00 AM
TOTAL CONTRACT DAYS: 60
CONTROLLING WORK ITEM: Gas/Plastic WEATHER: Clear
DAYS USED: 60
WORKING CONDITIONS ON WORK ITEM: GOOD
SIGNATURE INSPECTOR: D. L. Blake

TEMP: MAX: MIN:
PROJECT ENGINEER:

20 Days on Contract
**PROJECT NO.** 1125-0302  
**NAME:** DNA - Rob Chapman  
**DATE:** 9-13-09  
**CONTRACTOR:** Dupuis Bros Const.

<table>
<thead>
<tr>
<th>STREET</th>
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<th>APPROXIMATE WORK ACCOMPLISHED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>One Saturday Contractor went to 4 man crew completed S#61</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dusting, 2-Sign, completed S#7, dusterling 2, signage work</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Painting Top of Bottom Pipe and completed S#15 and S#8 S/S</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sign, top and bottom pipe cap. Contractor this AM moved</td>
</tr>
<tr>
<td></td>
<td></td>
<td>crane forge and supply bags to site #6. At site #6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contractor did layout according to plans to drive plumbing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>file. Contractor drove 11 sewer pipe at site #6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6'-20' 5-30' Rush butt Moral Supply trench to the</td>
</tr>
<tr>
<td></td>
<td></td>
<td>distance of the bay and held using crane barge to</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pull. Due to Hurricane Ivan</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pick up buoy on the west side of site #6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contractor - 4 man crew</td>
</tr>
</tbody>
</table>

**OPERATIONS** 7:00 A.M.  
**TOTAL CONTRACT DAYS:** 60  
**DAYS USED:** 60

**TEMP.** 88  
**MAX:** 74  
**MIN:** 88  
**PROJECT ENGINEER:**  
**CONTRACT DAYS REMAINING:** 19 days over contract
**PROJECT NO.:** 1125-0302  
**NAME:** David Chen

**DAY:** Monday  
**DATE:** 9-30-07  
**CONTRACTOR:** Dwayne Brown Coach

<table>
<thead>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Contractor returned to site #6 Clean, Charged and Supply</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stage arrived on the 18th. Boat moved from Long to Stage</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contractor today installed timber piles for Plate's and shell</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Also cut trench piles to grade</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Also contractor welded plates at the end of shell</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Approx 42&quot; x 5/8&quot;</td>
</tr>
</tbody>
</table>

**OPERATIONS**

**STARTED** 7:00 A.M.  
**STOPPED** 6:00 A.M.  
**CONTROLLING WORK ITEM:** Barred  
**WEATHER:** Clear  
**WORKING CONDITIONS ON CONTROLLING WORK ITEM:** Good

**TEMP:** Max: 85  
**MIN:** 69

**CONTRACT DAYS REMAINING:** 36  
**REPORT NO.:** 28  
**TOTAL CONTRACT DAYS:** 60  
**DAYS USED:** 60  
**TODAY:** 1  
**SIGNATURE INSPECTOR:** D. L. Blane  
**PROJECT ENGINEER:**
PROJECT NO. 1125-0302
NAME: WRE - R. Chapman
DAY: Tuesday
DATE: 9-21-04
CONTRACTOR: Magoo Crane Co.

APPROXIMATE WORK ACCOMPLISHED:
Contractor installing Plates with Strain in near field area.
Also installing 4" Insulation Pipe at site.
Contractor welding Pipe together. Total 4" Balloon pipe 347.
After 22 Bracket Plate is cut with 6 inch shears.

OPERATIONS
STARTED 7:00 A.M. OPERATIONS STOPPED 11:00 A.M.
CONTROLLING WORK ITEM: Barreled
WEATHER: Clear
WORKING CONDITIONS ON CONTROLLING WORK ITEM: Good
TOTAL CONTRACT DAYS: 60
DAYS USED: 60
TODAY: 1

TEMP: 86° MAX: 71° MIN: PROJECT ENGINEER:
37 days on contract
SIGNATURE INSPECTOR: Day & Blaine
<table>
<thead>
<tr>
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<th>APPROXIMATE WORK ACCOMPLISHED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Contractor-resurfacing 50 ft of slurry sealed. Also laying concrete flusher, 50 x 20 ft and 25 x 24 ft. Bolting sheets.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contractor installing Neoprene booters in all stems.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>In stem end, contractor installing self-sealing tape before plan on 4&quot; pipe. Also contractor matched interior pole for 2½&quot; booster to pole for sign. Installed a 2&quot; aluminum sleeve in site 6 completed.</td>
</tr>
</tbody>
</table>

OPERATIONS STARTED: 7:00 A.M.  
OPERATIONS STOPPED: 7:00 P.M.  
TEMP: 86 MAX: 73 MIN:  
CONTRUCTION WORK ITEM:  
WORKING CONDITIONS ON:  
SIGNATURE INSPECTOR:  
PROJECT ENGINEER:  
TOTAL CONTRACT DAYS: 60  
DAYS USED: 37  
PROJECT NO: 1125-0307  
NAME: DNR-Lake Chaboure  
DAY: Wednesday  
DATE: 1-22-04  
CONTRACTOR: Super Bros. Inc.  
REPORT NO: 30  
PICCIOLA & ASSOCIATES, INC.  
103 PICCIOLA PARKWAY, P. O. BOX 687  
CUT OFF, LA 70345  
504-632-5786, 504-632-2407 Fax  
PICCIOLA & ASSOCIATES, INC.  
103 PICCIOLA PARKWAY, P. O. BOX 687  
CUT OFF, LA 70345  
504-632-5786, 504-632-2407 Fax  
PICCIOLA & ASSOCIATES, INC.  
103 PICCIOLA PARKWAY, P. O. BOX 687  
CUT OFF, LA 70345  
504-632-5786, 504-632-2407 Fax
**PROJECT NO.** 1125-0302  
**NAME:** Dale Chapman  
**DATE:** Fri., 9-21-06  
**CONTRACTOR:** Newco Barge Corp.

<table>
<thead>
<tr>
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<th>APPROXIMATE WORK ACCOMPLISHED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>On Thursday, contractor cancelled all activities due to adverse weather.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tropic storm Drew in Gulf. Barge moved to Site #9.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contractor installing reflective tape on 4&quot; pipe.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(North side) completed. Contractor moves barge to the south side of Site #9.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contractor continues installing 2&quot; x 2&quot; Schedule 80 Stainless Steel Seaming with Reflective Tape as per Plan &amp; pile cap on South Side.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contractor plans to work on Saturday to complete Site #9 and deliver barge to Site #1.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Also to move supply and drain barge to Site #4 to start driving Fisher piles on secondary.</td>
</tr>
</tbody>
</table>

**OPERATIONS** 7:00 A.M.  
**STARTED** 1:30 A.M.  
**STOPPED** 4:00 P.M.  
**TOTAL CONTRACT DAYS:** 60

**CONTROLLING WORK ITEM:** Fisher Pile  
**WEATHER:** Overcast  
**RAIN:** Light (some activity)  
**DAYS USED:** 60

**WORKING CONDITIONS ON CONTROLLING WORK ITEM:** Good

**SIGNATURE INSPECTOR:** [Signature]  
**TODAY:** 1

**TEMP.:** 89°  
**MAX:** 74°  
**MIN:** Project Engineer: [Signature]  
**DAYS ON CONTRACT:** 41
<table>
<thead>
<tr>
<th>STREET</th>
<th>STA. TO STA</th>
<th>APPROXIMATE WORK ACCOMPLISHED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>On Saturday contractor at site #9. Contractor installed fishing nets. Also put reflective tape on post tops.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>After proceeding to site #7 to unstick buoys that were picked up at site #6 and #9. Over weekend contractor took equipment from storage and supply barge to site #7.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>This was due to tide dropping contractor picking up buoys at site #4. Made several attempts to come closer with crane.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>At high tide in late afternoon.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contractor of man crew.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Boot 2' 10&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OPERATIONS</th>
<th>A.M.</th>
<th>OPERATIONS</th>
<th>A.M.</th>
<th>TOTAL CONTRACT DAYS: 60</th>
</tr>
</thead>
<tbody>
<tr>
<td>STARTED</td>
<td>7:20</td>
<td>STOPPED</td>
<td>6:00</td>
<td>DAYS USED: 40</td>
</tr>
<tr>
<td>CONTROLLING</td>
<td>N/A</td>
<td>WORK ITEM:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>WORK ITEM:</td>
<td>Barrels</td>
<td>WEATHER:</td>
<td>Clear</td>
<td></td>
</tr>
<tr>
<td>WORKING CONDITIONS ON</td>
<td>N/A</td>
<td>CONTROLLING WORK ITEM:</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TEMP: 96 MAX: 68 MIN:</th>
<th>PROJECT ENGINEER:</th>
<th>CONTRACT DAYS REMAINING:</th>
</tr>
</thead>
</table>

| NAME: WR - Peter Chapman | REPORT NO. 32 | 44 days over contract |
**Project Diary**

**Project No.:** 165-0302  
**Name:** DAIR - Don Chapman  
**Day:** Thursday  
**Date:** 9-28-04  
**Contractor:** Perry Team dust

<table>
<thead>
<tr>
<th>Street</th>
<th>STA To STA</th>
<th>Approximate Work Accomplished</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>This man instructor had boat captain bring crane barge site</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Material on board to work on the barge site at Site #4 more barge</td>
</tr>
<tr>
<td></td>
<td></td>
<td>to Site #5 crane operator used bucket to pull barge in cause</td>
</tr>
<tr>
<td></td>
<td></td>
<td>and try to get to the barge side at Site #4 around site at</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12:00 After lunch, contractor set up lay out and moved barge to</td>
</tr>
<tr>
<td></td>
<td></td>
<td>drive timber piles 7 timber piles driven 3-20-2.50' 2-40'</td>
</tr>
</tbody>
</table>

Visiting Visitors - Jim Pellegino - Dugan Borm.

**Contractor:** 4 man crew  
**Boat:** 2 4'

<table>
<thead>
<tr>
<th>Operations Started</th>
<th>Operations Stopped</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 A.M.</td>
<td>6:00 A.M.</td>
</tr>
</tbody>
</table>

**Total Contract Days:** 60  
**Days Used:** 60  
**Today:** 1

**Temp.:** 85 Max. 66 Min.  
**Project Engineer:**

45 Days over contract.
### Project Diary

**DATE:** September 25, 2004  
**CONTRACTOR:** Hymie Bros Land  

<table>
<thead>
<tr>
<th>STREET</th>
<th>STA. TO STA.</th>
<th>APPROXIMATE WORK ACCOMPLISHED</th>
</tr>
</thead>
</table>
|        |              | Contractor at site #4 drawing from line PLS - T (East side)  
|        |              | 2-40', 3-30', 4-20' contractor watching survey  
|        |              | Line for Plat's 40' elsewhere  
|        |              | Also contractor placed 4' grade 7/6 x 6/70' at end of 4  
|        |              | Paper (4") due to low tide contractor had to  
|        |              | struggle to move barge  
|        |              | Contractor 4-Man Crew  
|        |              | 9:00 P.M.  
|        |              | 2" x 2"  

**OPERATIONS**  
**STARTED:** 7:00 A.M.  
**STOPPED:** 6:00 A.M.  
**TOTAL CONTRACT DAYS:** 40  
**DAYS USED:** 60

**WEATHER:** Clear  
**TEMP:** 83° MAX, 64° MIN.

**SIGNATURE INSPECTOR:** Ray La Blance  
**PROJECT ENGINEER:**  
**CONTACT DAYS REMAINING:**  
**PROJECT DAYS OVER CONTRACT:**
NAME: Don L. Chaplan
DAY: 9-30-89
DATE: 9-30-89
PROJECT NO.: 1125-0302
CONTRACTOR: Deepan Iron Const.

STREET | STA. TO STA. | APPROXIMATE WORK ACCOMPLISHED:
--------|--------------|----------------------------------------------
        |              | Contractor installing Plate in knee Sheers at |
        |              | Site #4 on the South Side - 18 Plate installed. |
        |              | Screed 12" Bells, then finish file. Also installed 4" |
        |              | Slabrough pipe. 3-36" contractor also installing sheers on |
        |              | Late 24 X 24" Slabrough steel metal. For Pipe amp 9 - installed |
        |              | Contractor installing Reflective Tape on 4" Pigs. |
        |              | Also installed Neoprene rubber at all Sheers. |
        |              | 18 total |
        |              | Judgeed Fisherman who losses area. Pick up from 1st #4 |
        |              | Grills Burgan. Contractorimeo it from 5th #4 |
        |              | Contractor - Sam Olsen |
        |              | Bat - 2 " |

OPERATIONS STARTED: 7:00 A.M. OPERATIONS STOPPED: 6:00 P.M. TOTAL CONTRACT DAYS: 60
CONTROLLING WORK ITEM: Weather: Clear DAYS USED: 60
WORKING CONDITIONS ON WORK ITEM: Low road SIGNATURE INSPECTOR: Ray W. Blandl TODAY: 9-30-89
TEMP: MIN: 67 MAX: 84 PROJECT ENGINEER: Contract days remaining: 367 days on contract
<table>
<thead>
<tr>
<th>STREET</th>
<th>STA. TO STA</th>
<th>APPROXIMATE WORK ACCOMPLISHED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Contractor matching timber Piles to asphalt plate's butt.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Shear in contractor drilling 10 plates with shear. Second</td>
</tr>
<tr>
<td></td>
<td></td>
<td>to timber pile with 12&quot; x 14&quot; efforts also contractor.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Installing 4&quot; pipe. 84+04 = 166 + 16 = 184′ Contractor finished</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Welding 4&quot; pipe. Worked south side. Contractor also installing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Magazine thicker on shear (yellow color) also installed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reflective tape on 4&quot; pipe.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contractor coating timber Piles, camouflaging concrete, and</td>
</tr>
<tr>
<td></td>
<td></td>
<td>24 x 24&quot; galvanized sheet metal on timber Piles.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OPERATIONS</th>
<th>TOTAL CONTRACT DAYS: 60</th>
</tr>
</thead>
<tbody>
<tr>
<td>STARTED</td>
<td>7:00 A.M. OPERATIONS</td>
</tr>
<tr>
<td>STOPPED</td>
<td>1:00 A.M. TOTAL</td>
</tr>
<tr>
<td>P.M.</td>
<td>1:00 A.M. DAYS USED: 60</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTROLLING</td>
<td></td>
</tr>
<tr>
<td>WORK ITEM:</td>
<td></td>
</tr>
<tr>
<td>Barcodes</td>
<td></td>
</tr>
<tr>
<td>WORKING CONDITIONS ON</td>
<td></td>
</tr>
<tr>
<td>CONTROLLING WORK ITEM:</td>
<td></td>
</tr>
<tr>
<td>TEMP:</td>
<td></td>
</tr>
<tr>
<td>96 max: 69</td>
<td></td>
</tr>
<tr>
<td>MIN:</td>
<td></td>
</tr>
<tr>
<td>PROJECT ENGINEER:</td>
<td></td>
</tr>
<tr>
<td>Signature Inspector:</td>
<td>Day C. Blanch</td>
</tr>
<tr>
<td>TODAY:</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
</tr>
<tr>
<td>CONTRACT DAYS REMAINING:</td>
<td></td>
</tr>
<tr>
<td>495 days over contract</td>
<td></td>
</tr>
</tbody>
</table>
On Saturday, contractor installed 2 X 6 " pressure treated 4'." 
Section 1 f/ warning signs became 2 4 X 4' sign butt.

In Schumacher's help, Hoffman Clean operator with bucket
mixed and poured concrete then came and test drove to site #3
where boat captain pulled/put on large 14' x 6' north side
the concrete mixture were large to site #4 set up by
rent on the North side 14' concrete footer Mr. - 5:20 5:301
and 4:45. Contractor feel they during the 2-6th 4:00 P.M. due
for rockie due to the depth of channel on center and the movement on the
south side the footer of the sign I provided little
Report, contractor ordered to move 1 pile & recommended that
by the 90° pipe on both ends for the Sign be which could
have been installed.

Contractor 5 - man crew. 20 2 - man crew

OPERATIONS STARTED 7:00 A.M. OPERATIONS STOPPED 6:00 A.M. TOTAL CONTRACT DAYS: 40
CONTROLLING WORK ITEM: Barrels - WEATHER: clear DAYS USED: 40
WORKING CONDITIONS ON CONTROLLING WORK ITEM: good TODAY: 1
TEMP: 86 MAX: 67 MIN: 51 Days over contract
## Equipment Information:

<table>
<thead>
<tr>
<th>Equipment Type</th>
<th>Equipment Name</th>
<th>Equipment Use</th>
<th>Hrs Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crane</td>
<td>L.S. 108</td>
<td>Drive Piling</td>
<td>12</td>
</tr>
<tr>
<td>Deck Barge</td>
<td>LmL 102</td>
<td>Material Location</td>
<td>12</td>
</tr>
<tr>
<td>88 - Espul Barge</td>
<td>OB-4</td>
<td>Crane Barge</td>
<td>12</td>
</tr>
<tr>
<td>Out Barge</td>
<td>Hank-o 150</td>
<td>Carrying Personnel</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Tug</td>
<td>55</td>
<td>Move Barge</td>
<td>24 hrs</td>
</tr>
<tr>
<td>Hammer</td>
<td>3000 lbs</td>
<td>To Drive Piling</td>
<td>6</td>
</tr>
</tbody>
</table>
**NAME:** OKE - Keith Chepau

**DATE:** 10-5-04

**CONTRACTOR:** Sarras-Boo Corp.

<table>
<thead>
<tr>
<th>STREET</th>
<th>STA. TO STA</th>
<th>APPROXIMATE WORK ACCOMPLISHED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Contractor matched all timber piles to install bleacher seats.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Steel also this Am had to pull pile trying to locate.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Strengthen contractors welded caps on 2 40 DPs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>In afternoon contractors were down for 1/2 hrs due to rain at site #4.</td>
</tr>
</tbody>
</table>

**OPERATIONS** A.M. OPERATIONS P.M. STOPPED

**STARTED:** 7:00 A.M. **ENDED:** 4:10 P.M. **TOTAL CONTRACT DAYS:** 60

**CONTROLLING WORK ITEM:** Backhoe - Weather: Overcast Rain in afternoon **DAYS USED:** 60

**WORKING CONDITIONS:** Good **SIGNATURE INSPECTOR:** Day & Blaine

**TEMP:** 81 Max: 60 Min. **PROJECT ENGINEER:**

**52 days over contract**
**STREET** | **STA. TO STA.** | **APPROXIMATE WORK ACCOMPLISHED:**
---|---|---
| | Contractor needed 2 plates on each of 4" Pipe: Contractor duct closing 3 plates in back, 2 plates in back. Contractor also installing 4" Pipe in Sheen. 336' Contractor installing Neoprene Rubber in Sheen. 11' Reflective Tape on 4" Pipe.

**OPERATIONS STARTED** | **OPERATIONS STOPPED** | **TOTAL CONTRACT DAYS:**
---|---|---
7:00 A.M. | 6:00 P.M. | 60

**WORKING CONDITIONS ON CONTROLLING WORK ITEM:**
- Bad Exit

**TEMP.**
- Max: 83
- Min: 72
**Project Diary**

**Project No.:** 1175-0302  
**Name:** DNK - Mike Choper  
**Day:** Thursday  
**Date:** 10-7-84  
**Contractor:** Bayou Bar Const.

<table>
<thead>
<tr>
<th>Street</th>
<th>STA. TO STA</th>
<th>Approximate Work Accomplished</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Rainy at site #4, weather questionable</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contractor attempted to do any activities, then</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rain's got heavy all activity cancelled</td>
</tr>
</tbody>
</table>

**Operations**

- **Started:** 7:00 A.M.  
- **Stopped:** 12:00 P.M.  
- **TOTAL CONTRACT DAYS:** 60  
- **DAYS USED:** 40

**Controlling Work Item:** Barae  
**Weather:** Light Rain (Overcast)  
**Working Conditions on Controlling Work Item:** Poor  
**Signature Inspector:** Bay LeBlanc  
**Today:** 1

**Temp:** 82 MAX: 70 MIN.  
**Project Engineer:**  
**Contract Days Remaining:** 54 - Days over contract
**PROJECT Diary**

**PROJECT NO.** W25-0302

**NAME:** John Perez

**DAY:** Monday

**DATE:** 10-11-00

**CONTRACTOR:** Super Pump Corp

<table>
<thead>
<tr>
<th>STREET</th>
<th>STA. TO STA</th>
<th>APPROXIMATE WORK ACCOMPLISHED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Contractor matching truckliner to asphalt plate with</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Slew. - securing plate with bolts which contractor hauled.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pile. - 10 plates with stems twisted, also contractor</td>
</tr>
<tr>
<td></td>
<td></td>
<td>installing 4&quot; rebar pipe. Total distance - 195'</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Title for the valve 531. Contractor welding 6&quot; pipe.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3rd &amp; 4th tonnes complete by Tuesday</td>
</tr>
</tbody>
</table>

Spoke to Joe in late afternoon, mention that needed

time to thim due to last week's storm premtine to go

till Harvey. It may be friday or wednesday next week.

Contractor is man crew

Boot 2 "x" 3

**OPERATIONS**

**STARTED:** 7:00 A.M.  **STOPPED:** 6:00 P.M.  **TOTAL CONTRACT DAYS:** 60

**CONTROLLING WORK ITEM:** 90th  **WEATHER:** clear/cool

**WORKING CONDITIONS ON CONTROLLING WORK ITEM:**

**TEMP.**  81 MAX: 62 MIN:  **PROJECT ENGINEER:**

**CONTRACT DAYS REMAINING:**

58 Days over Contract
**PROJECT DIARY**

**NAME:** J. E. Aigner  
**DATE:** 10-12-07  
**CONTRACTOR:** Douglas Power Const.

<table>
<thead>
<tr>
<th>STREET</th>
<th>STA. TO STA</th>
<th>APPROXIMATE WORK ACCOMPLISHED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Contractor installing chainon top of pipeline after coating.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Installing 20' x 24' Kalamazoo Steel Metal for pipe.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contractor also installing reflective tape on pipe.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contractor also installed rubber on areas at all plate.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contractor matched 2 piles for sign's drilled 4-2/4/07.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Square post &amp; throw anchor plates, bottom 2-4x4' Yield Sign.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Work completed on Wednesday with touchup (plates).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Left lift with empty supply cages and crane bags from job site.</td>
</tr>
</tbody>
</table>

**OPERATIONS**  
**STARTED:** 7:00 A.M.  
**STOPPED:** 6:00 A.M.  
**TOTAL CONTRACT DAYS:** 60  
**DAYS USED:** 60

**WEATHER:** Clear  
**SIGNATURE INSPECTOR:**  
**PROJECT ENGINEER:**  
**CONDITIONS ON:**  
**CORRIGENDA:**  
**TEMP:** 60 MAX: 60 MIN: 59- days over contract
**PROJECT NO.** 1125-020
**NAME:** Duke - Dale Chapman
**DAY:** Wednesday
**DATE:** 10-15-04
**CONTRACTOR:** Super Bros. Inc.

<table>
<thead>
<tr>
<th>STREET</th>
<th>STA. TO STA</th>
<th>APPROXIMATE WORK ACCOMPLISHED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Contributed Work to all site’s and touched up</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pole w/ heat sleeves also added reflective type</td>
</tr>
<tr>
<td></td>
<td></td>
<td>in area’s where needed either damaged or not</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Served as temporary rubber</td>
</tr>
</tbody>
</table>

**OPERATIONS STARTED** 7:00 A.M. **OPERATIONS STOPPED** 3:30 P.M. **TOTAL CONTRACT DAYS:** 60
**CONTROLLING WORK ITEM:** Pedestrian **WEATHER:** Clear
**WORKING CONDITIONS ON CONTROLLING WORK ITEM:** Good
**SIGNATURE INSPECTOR:** C. L. Bloom **TODAY:** 1

**TEMP.** **MAX.** **MIN.** **PROJECT ENGINEER:**

**60 Days over contract**
Contractor Record Drawings
As Built (11/02/04)

Lengths & Baricades
as noted on Plans

By: Kevin Pericot
Dpoe Bros Const Co.

INDEX TO SHEETS:

<table>
<thead>
<tr>
<th>SHEET NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TITLE SHEET, STATE AND LOCAL VICINITY MAPS</td>
</tr>
<tr>
<td>2</td>
<td>GENERAL NOTES AND ESTIMATED QUANTITIES</td>
</tr>
<tr>
<td>3</td>
<td>OVERALL PROJECT SITE PLAN</td>
</tr>
<tr>
<td>4</td>
<td>PLAN VIEW - SITE 1</td>
</tr>
<tr>
<td>5</td>
<td>PLAN VIEW - SITE 4 AND SITE 5</td>
</tr>
<tr>
<td>6</td>
<td>PLAN VIEW - SITE 6 AND SITE 7</td>
</tr>
<tr>
<td>7</td>
<td>PLAN VIEW - SITE 9</td>
</tr>
<tr>
<td>8</td>
<td>TYPICAL BARRICADE - PLAN &amp; ELEVATION VIEWS</td>
</tr>
<tr>
<td>9</td>
<td>TYPICAL BRACKET/PIPE DETAILS</td>
</tr>
<tr>
<td>10</td>
<td>TOTAL NO. OF SHEETS 10</td>
</tr>
</tbody>
</table>

LOCATION MAP

NOT TO SCALE

PICCIOLA & ASSOCIATES, INC.
CIVIL ENGINEERS
P.O. BOX 687
CUT OFF, LOUISIANA 70345
(585) 632-5766

NAVAL ARCHITECTS
MARINE ENGINEERS

RECOMMENDED FOR APPROVAL:
DNR/CRD ENGINEER MANAGER
DATE

DNR/CRD ENGINEER MANAGER
DATE

PREPARED BY:
PICCIOLA & ASSOCIATES, INC.

CIVIL ENGINEERING

DATE

STATE OF LOUISIANA
GENERAL CONTRACTOR

STATE VICTIMITY MAP

GULF OF MEXICO

PROJECT LOCATION

1/06/04

SHEET 1 OF 10
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mobilization and Demobilization</td>
<td>LUMP SUM</td>
<td>LUMP SUM</td>
</tr>
<tr>
<td>2</td>
<td>Removal of Existing Warning Body Structures</td>
<td>LUMP SUM</td>
<td>LUMP SUM</td>
</tr>
<tr>
<td>3</td>
<td>Timber Planks Class &quot;B&quot;, 20 ft. (Green 30&quot;) Long</td>
<td>LIN. FT.</td>
<td>1000</td>
</tr>
<tr>
<td>4</td>
<td>Plugs Tape (Galvanized)</td>
<td>EACH</td>
<td>184</td>
</tr>
<tr>
<td>5</td>
<td>Fabricated Brackets (Not Dipped Galvanized)</td>
<td>EACH</td>
<td>358</td>
</tr>
<tr>
<td>6</td>
<td>W/C S/S 6 x 6 x 6 GALV. BOLTS, NUTS &amp; WASHERS PER UNIT</td>
<td>LIN. FT.</td>
<td>2,621</td>
</tr>
<tr>
<td>7</td>
<td>Warning Signs</td>
<td>EACH</td>
<td>22</td>
</tr>
<tr>
<td>8</td>
<td>Reflective Tape</td>
<td>LUMP SUM</td>
<td>LUMP SUM</td>
</tr>
</tbody>
</table>

**GENERAL NOTES:**
1. Basic horizontal and vertical control points have been established by the contractor and are shown on the plans. Contractor shall maintain and protect from damage or destruction these controls and shall perform all additional survey, layout, and measurement work using these controls.
2. Contractor shall verify existing grades, elevations, and locations in the field prior to construction.
3. The contractor shall comply with all laws, rules and regulations of the Louisiana State Police, the Territorial and ST. Mary Parish Sheriff's Office, DNR, USGS, Federal Authorities, State and Parish Health Departments and other related authorities. Rights applicable to the work or job site.
4. The contractor shall comply with all applicable federal, state and parish laws concerning pollution of waterways and protection of shellfish, fish, waterfowl, wildlife and domestic animals.
5. The contractor shall conduct his operations in such a manner as to cause the least possible interference with both through and local marine traffic.
6. Contractor shall employ effective measures to control erosion of natural and constructed surfaces.
7. The safety hazards will be protected by the precautions as shown on the plans and all other regulations of the State of Louisiana and all other authorizing authorities having jurisdiction and that are applicable to the work shall be adhered to and enforced by the contractor.
8. Temporary utilities and sanitary facilities for operation of the contractor's plant or equipment shall be provided and maintained at the expense of the contractor.
9. Coastal Usepermits will be provided by the owner. The contractor shall be responsible for all other permits.
10. Construction setbacks for all work and right-of-way onto the site will be provided by owner.
11. Elevations may be adjusted in the field by the project engineer to meet changing field conditions or to better assure accomplishment of project objectives. Any additional quantities will be paid for at the unit price bid for the specific item.
12. Contractor shall not be liable for damage to manholes or other equipment damaged during rains, due to being hit by a vehicle.
13. Due to changing field conditions, shorelines shall not be used as construction reference points.
14. X and Y coordinates are based on NAD 83; latitudes and longitudes are based on NAD 83. Elevations are based on NOS 86. Soundings reference water level shown.

**TECHNICAL NOTES:**
1. Warning signs will be installed on each completed barrier and will be facing away from the pipeline as shown on the drawings. Signs shall conform to Coast Guard Standard SMC-301.4.A (S-1). Each warning sign shall have the word INTERDICTIVE MATERIAL. The lettering will be black on a field of reflective material.
2. In addition to warning signs, reflective tape shall be wrapped around each pipe between planks as shown on plans.
3. Neoprene washers shall be placed between the warning sign and galvanized bolts at all points of contact.
4. The contractor shall observe the work site is accessible through the Atchafalaya delta wildlife management area. Under the jurisdiction of the Louisiana Department of Wildlife and Fisheries. All personnel shall abide by the management area rules and regulations.
5. The contractor shall be responsible for navigating within the limits of the project area.
6. The contractor is notified that the pipeline is located on or adjacent to private or State property. Extreme caution shall be exercised in protection of property, habitat and wildlife from damage or harm.
7. The contractor is notified that he will be conducting his operations in the vicinity of utilities, pipelines, facilities, oil and gas structures and other municipal facilities. The contractor shall be in compliance with the plans and specifications prior to construction. Any damage shall be repaired by the contractor's expense.
8. A listing of all companies known to be conducting mineral operations and have active wells and/or pipelines in the vicinity will be provided for reference. The contractor is responsible for determining whether there are others.

**LAND MANAGER:**
Allan Ensinger (337) 452-0782

**SIGNED & DATED:**

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**STATE OF LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL RESTORATION DIVISION**

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**DRAWING PLOTTED AT HALF-SCALE**
GENERAL NOTES:
1. CONTRACTOR SHALL NOT DISTURB OR IN ANY WAY DAMAGE THE EXISTING SHELL PLUG AT EACH SITE WHILE CONSTRUCTING BARRIERS.

2. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING SHELL PLUG TOE BEFORE FINAL LOCATION OF BARRIERS IS DETERMINED.

3. CONTRACTOR SHALL NOT REMOVE OR DISTURB THE EXISTING WARNING SIGNS THAT ARE INSTALLED ON THE EXISTING SHELL PLUGS.

4. CONTRACTOR SHALL REMOVE THE EXISTING WARNING BUOY UNITS AT EACH SITE. THIS INCLUDES THE BUOYS, CABLES AND PIPES THAT WERE INSTALLED TO REDEEM THE BUOYS.

5. ALL MATERIAL REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH TITLE 33, PART VI, SUB-PART 1 (SOLID WASTE) OF THE LOUISIANA ENVIRONMENTAL REGULATORY CODE, LATEST EDITION. CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING OF HIS METHOD AND LOCATION OF DISPOSAL.

6. PRIOR TO BEGINNING ANY WORK, CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ANY SUB-SURFACE WELDS OR STRUCTURES THAT MAY BE AT OR NEAR EACH SITE. CONTRACTOR SHALL COORDINATE WITH THE LOUISIANA ONE CALL BEFORE PLANNING SUCH PIPELINES OR STRUCTURES IN THE AREA.

7. SEE SHEET 2 FOR ADDITIONAL GENERAL AND TECHNICAL NOTES.
GENERAL NOTES:
1. CONTRACTOR SHALL NOT DISTURB OR IN ANY WAY DAMAGE THE EXISTING SHELL PLUG AT EACH SITE WHILE CONSTRUCTING BARRIERS.
2. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING SHELL PLUG TOE BEFORE FINAL LOCATION OF BARRIERS IS DETERMINED.
3. CONTRACTOR SHALL NOT REMOVE OR DISTURB THE EXISTING WARNIGN SIGNS THAT ARE INSTALLED ON THE EXISTING SHELL PLUGS.
4. CONTRACTOR SHALL REMOVE THE EXISTING WARNING BUOYS AT EACH SITE. THIS INCLUDES THE BOOTS, CABLES AND PIPES THAT WERE INSTALLED TO RETAIN THE BOOTS.
5. ALL MATERIAL REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH TITLE 33, PART VI, SUB-PART 1 (SOLID WASTE) OF THE LOUISIANA ENVIRONMENTAL REGULATORY CODE; LATEST EDITION. CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING OF HIS METHOD AND LOCATION OF DISPOSAL.
6. PRIOR TO BEGINNING ANY WORK, CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ANY SUB-SURFACE PIPELINES OR STRUCTURES THAT MAY BE AT OR NEAR EACH SITE. CONTRACTOR SHALL GIVE NOTICE TO ANY COMPANY THAT MAY HAVE SUCH PIPELINES OR STRUCTURES IN THE AREA.
7. SEE SHEET 2 FOR ADDITIONAL GENERAL AND TECHNICAL NOTES.
GENERAL NOTES:

1. CONTRACTOR SHALL NOT DISTURB OR IN ANY WAY DAMAGE THE EXISTING SHELL PLUGS AT EACH SITE WHILE CONSTRUCTION BARRICADES.

2. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING SHELL PLUGS PRIOR TO FINAL LOCATION OF BARRICADE IS DETERMINED.

3. CONTRACTOR SHALL NOT REMOVE OR DISTURB THE EXISTING WARNING SIGNS THAT ARE INSTALLED ON THE EXISTING SHELL PLUGS.

4. CONTRACTOR SHALL REMOVE THE EXISTING WARNING BUOYS AT EACH SITE. THIS INCLUDES THE BUOYS, CABLES AND PIPES THAT WERE INSTALLED TO RETAIN THE BUOYS.

5. ALL MATERIAL REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH TITLE 33, PART VI, SUB-PART 1 (SOLID WASTE) OF THE LOUISIANA ENVIRONMENTAL REGULATORY CODE, LATEST EDITION. CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING OF HIS METHOD AND LOCATION OF DISPOSAL.

6. PRIOR TO BEGINNING ANY WORK, CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ANY SUB-SURFACE PIPELINES OR STRUCTURES THAT MAY BE AT OR NEAR EACH SITE. CONTRACTOR SHALL WORK CLOSELY WITH ANY COMPANY THAT MAY HAVE SUCH PIPELINES OR STRUCTURES IN THE AREA. LOUISIANA ONE CALL CAN BE CONTACTED AT 1-800-372-3020.

7. SEE SHEET 2 FOR ADDITIONAL GENERAL AND TECHNICAL NOTES.
GENERAL NOTES:

1. CONTRACTOR SHALL NOT DISTURB OR IN ANY WAY DAMAGE THE EXISTING SHELL PLUG AT EACH SITE WHILE CONSTRUCTING BARRIERS.

2. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING SHELL PLUG TOE BEFORE FINAL LOCATION OF BARRIERS IS DETERMINED.

3. CONTRACTOR SHALL NOT REMOVE OR DISTURB THE EXISTING WARNING SIGNS THAT ARE INSTALLED ON THE EXISTING SHELL PLUGS.

4. CONTRACTOR SHALL REMOVE THE EXISTING WARNING BUOY UNITS AT EACH SITE. THIS INCLUDES THE BUOYS, CABLES AND PIPES THAT WERE INSTALLED TO RETAIN THE BUOYS.

5. ALL MATERIAL REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH TITLE 33, PART VI, SUB-PART 1 (SOLID WASTE) OF THE LOUISIANA ENVIRONMENTAL REGULATORY CODE, LATEST EDITION. CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING OF HIS METHOD AND LOCATION OF DISPOSAL.

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7. SEE SHEET 2 FOR ADDITIONAL GENERAL AND TECHNICAL NOTES.

LEGEND:

Existing Warning Signs (to remove)
1/2" THICK STEEL BRACKET PLATE (TYP.)

PROP. 4" GALV. SCH. 40 PIPE

1/2" GUSSET PLATE TO BE REDUCED AT THE END OF EACH STRUCTURE

RESO. 1/2"X6 5/8" DIA. PLATE TO BE REDUCED AT THE END OF EACH STRUCTURE

1/2" (TYP.)

A NEOPRENE RUBBER SLEEVE OR APPROVED EQUAL SHALL BE INSTALLED AROUND 4" PIPE INSIDE OF SLEEVE TO PREVENT METAL TO METAL CONTACT.

GENERAL WELDING NOTES:

1. PRIOR TO WELDING PIPE ALL ENDS SHALL BE BEOVED TO ACCOMODATE WELDING BEAD. THIS INCLUDES THE 8" DIA. END PLATES.

2. ALL WELD LOCATIONS AS WELL AS ANY DAMAGE TO GALVANIZED BRACKETS SHALL BE PROPERLY BRUSHED TO REMOVE ANY RUST OR SCALE. AFTER BRUSHING, TWO COATS OF PRIMER SHALL BE APPLIED PRIOR TO APPLYING THE NECESSARY COATS OF GALVANIZED.Primer specifications for detailed painting procedures.

GENERAL BRACKET NOTES:

1. BRACKET PLATE AND GUSSET PLATE SHALL BE FABRICATED USING 1/2" THICK STEEL A-36.

2. TWO GUSSET PLATES WILL BE REQUIRED AT EACH PLUG.

3. FABRICATED BRACKETS SHALL BE HOT DIPPED GALVANIZED.

DETAIL OF SHEET METAL PIPE COVER

(TYPICAL, ALL PILES)

NOTE:
PLATE TWO LAYERS OF HEAVY CANVAS
OVER TOP OF ALL PILES
THEN 24" LEGAL GALVANIZED SHEET METAL
NO. 36 GA. PLACED OVER TOP OF ALL PILES
AND BENT AS SHOWN BY DOTTED LINES
AND NAILED TO THE PILES WITH 2" GALVANIZED NAILS.

MARK OUTLINE OF INDIVIDUAL PILE TOP
AND CUT GALV. SHEET METAL 4" OUTSIDE
PILE LINE, SLIT METAL DIAGONALLY 4" ON 4" SPACES AS SHOWN.
WARNING CHANNEL OBSTRUCTION DO NOT PROCEED

SIGN DETAIL
SCALE: 1" = 1'-0"

3/16" PLATE ALUMINUM SIGN (TYPICAL)

3" RADIUS
1" RADIUS

SIGN SHALL BE ATTACHED TO CROSSMEMBERS WITH 1/2" GALVANIZED BOLTS (SEE NOTES)

PERMANENT SIGN NOTES:
1. REFERENCES HEREIN TO THE "STANDARD SPECIFICATIONS" REFER TO THE "LA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES" AS PUBLISHED BY THE LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT, LATEST EDITION.

2. WARNING SIGNS SHALL BE CONSTRUCTED USING 3/16" PLATE ALUMINUM.


4. NEOPRENE WASHERS SHALL BE PLACED BETWEEN THE SIGN AND THE GALVANIZED BOLTS AT ALL POINTS OF CONTACT.

5. HARDWARE FOR TIMBER CONNECTIONS SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH SECTION 811.5 OF THE LOUISIANA STANDARD SPECIFICATIONS.

6. SIGNS SHALL BE PLACED AT THE LOCATIONS SHOWN ON DRAWING NO. 4, 5, 6, & 7 OR AS DIRECTED BY THE PROJECT ENGINEER.

7. EXPOSED BOLT THREADS SHALL BE EITHER TACK WELDED TO NUT, STRIPPED, OR DAMAGED BY OTHER APPROVED METHODS TO PREVENT EASY REMOVAL.

DRAWING PLOTTED AT HALF-SCALE