STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY
OPERATIONS DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2015 MAINTENANCE PROJECT
PROJECT NO: BA-02
LAFOURCHE PARISH, LA
GENERAL NOTES

1. ALL ELEVATIONS ARE GIVEN IN THE NORTH AMERICAN VERTICAL DATUM ON 1988 (NAVD 88). ALL
   HORIZONTAL COORDINATES ARE GIVEN IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83).

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NAVIGATING WITHIN THE LIMITS OF THE PROJECT
   PLAN AREA. CPRA OR ASSIGNED PROJECT REPRESENTATIVE SHALL MONITOR THE LOCATION
   DURING CONSTRUCTION.

3. THE CONTRACTOR SHALL NOT, AT ANY TIME, TREAD ON EXISTING MARSH OR VEGETATIVE WETLANDS
   UNLESS OTHERWISE DIRECTED BY THE CPRA PROJECT ENGINEER OR ASSIGNED PROJECT
   REPRESENTATIVE.

4. PRIOR TO FLOATING EQUIPMENT BENEATH ELECTRICAL TRANSMISSION LINES, THE CONTRACTOR
   SHALL CALL LOUISIANA ONE CALL TO LOCATE ANY OTHER PIPELINES OR UTILITIES.

5.微型 ELEVATIONS ARE GIVEN IN THE NORTH AMERICAN VERTICAL DATA
   QUANTITIES
   R. SMITH IN.
   FULLY RENSERI
   IN.
   SMITH PRO
   BASE BID
   pll. 93 4
   4. THE LOCATIONS OF UTILITIES, PIPELINES, AND STRUCTURES SHOWN HEREON HAVE BEEN DETERMINED
   FROM DATA PROVIDED BY OTHERS. THE ACTUAL LOCATIONS MAY VARY FROM THESE SHOWN AND IT IS
   POSSIBLE SOME MAY EXIST THAT HAVE NOT BEEN SHOWN. THE CONTRACTOR SHALL BE ON ALERT FOR
   SUCH UTILITIES, PIPELINES, AND STRUCTURES AND REPORT THEM IMMEDIATELY TO THE CPRA
   PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE. THE CONTRACTOR SHALL VERIFY THE
   LOCATION OF ALL UTILITIES, PIPELINES, AND STRUCTURES PRIOR TO COMMENCING ANY WORK.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PIPELINE OPERATORS 48 HOURS IN
   ADVANCE OF THE WORK. ANY OBSERVED DISCREPANCIES BETWEEN PRE-CONSTRUCTION SURVEY AND THE
   PROJECT PLANS NEED TO BE DOCUMENTED AND PROVIDED TO CPRA PROJECT ENGINEER OR ASSIGNED
   PROJECT REPRESENTATIVE FOR ACCEPTANCE.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NAVIGATING FROM ACCESS WATER BODIES TO THE
   PROJECT PLAN AREA. CPRA OR ASSIGNED PROJECT REPRESENTATIVE SHALL MONITOR THE LOCATION
   DURING CONSTRUCTION.

8. THE LOCATIONS OF UTILITIES, PIPELINES, AND STRUCTURES SHOWN HEREON HAVE BEEN DETERMINED
   FROM DATA PROVIDED BY OTHERS. THE ACTUAL LOCATIONS MAY VARY FROM THESE SHOWN AND IT IS
   POSSIBLE SOME MAY EXIST THAT HAVE NOT BEEN SHOWN. THE CONTRACTOR SHALL BE ON ALERT FOR
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   PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE. THE CONTRACTOR SHALL VERIFY THE
   LOCATION OF ALL UTILITIES, PIPELINES, AND STRUCTURES PRIOR TO COMMENCING ANY WORK.

9. VOLUMES SHOWN ARE FOR BIDDING PURPOSES ONLY AND WERE CALCULATED ACCORDING TO
   CONSTRUCTION SURVEYS. bloginfo the project engineer or assigned project representative. THE CPRA
   PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE. SHALL REVIEW ALL BEFORE AND AFTER SURVEYS, MEASUREMENTS
   AND PAYMENT CALCULATIONS. IF A DISCREPANCY CANNOT BE RESOLVED, THE CONSTRUCTION MANAGER
   SHALL PERFORM A CROSS-SECTION SURVEY TO VERIFY THE CONTRACTORS WORK.

10. DREDGED MATERIAL SHALL BE PLACED IN AREAS SHOWN ON THE PLANS.

11. RIVER BANK STABILIZATION MATERIALS (E.G., SAND BAGS) SHALL BE REPLACED ONCE PERIODIC
    DE-ENERGIZING WILL BE REQUIRED AND CONTACT ENTERGY TO SCHEDULE THESE SERVICE
    INTERRUPTIONS.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PIPELINE OPERATORS 48 HOURS IN

13. EXISTING ELEVATIONS OF STRUCTURES AND NATURAL GROUND ARE BASED ON SURVEYS CONDUCTED
    THROUGH THE STRUCTURE SHALL BE SUBMITTED TO CPRA FOR APPROVAL.

14. THE SOUTH COASTAL WETLANDS (SLCW) SECONDARY GPS NETWORK MONUMENT, "BA02SM01 AND/OR
    BA02SM02, SHALL BE USED FOR HORIZONTAL AND VERTICAL CONTROL. THE DATA SHEET FOR THESE
    MONUMENTS CAN BE FOUND IN APPENDIX D OF THE SPECIFICATIONS.

15. MEAN HIGH WATER AND MEAN LOW WATER DATA BASED UPON 2009 MONITORING DATA PROVIDED BY
    CPRA.

SUMMARY OF ESTIMATED QUANTITIES

<table>
<thead>
<tr>
<th>ITEM No.</th>
<th>ITEM</th>
<th>UNIT</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MOBILIZATION AND DE-MOBILIZATION</td>
<td>LUMP</td>
<td>SUM</td>
</tr>
<tr>
<td>2</td>
<td>CONSTRUCTION SURVEYS</td>
<td>LUMP</td>
<td>SUM</td>
</tr>
<tr>
<td>3</td>
<td>ACCESS AND FLOATATION CHANNELS</td>
<td>LUMP</td>
<td>SUM</td>
</tr>
<tr>
<td>4</td>
<td>203 LB RIPRAP</td>
<td>TONS</td>
<td>14300</td>
</tr>
<tr>
<td>5</td>
<td>PERMANENT WARNING SIGNS (SIGNS ONLY)</td>
<td>EACH</td>
<td>13</td>
</tr>
<tr>
<td>6</td>
<td>PERMANENT WARNING SIGNS (BOOM ONLY)</td>
<td>EACH</td>
<td>5</td>
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<tr>
<td>7</td>
<td>WOVEN GEOTEXTILE FABRIC</td>
<td>SQYD</td>
<td>11000</td>
</tr>
<tr>
<td>8</td>
<td>DE-ENERGIZE POWER LINES</td>
<td>LUMP</td>
<td>SUM</td>
</tr>
</tbody>
</table>

AS-BUILTS BY CPRA: B.J.H. 09/2017
COASTAL PROTECTION AND RESTORATION AUTHORITY
OPERATIONS DIVISION
450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70801

Utility Disposition

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Northing</th>
<th>Easting</th>
<th>Disposition</th>
</tr>
</thead>
<tbody>
<tr>
<td>PP 1</td>
<td>Wooden Poles (single)</td>
<td>360983.35'</td>
<td>3631165.86'</td>
<td>Do Not Disturb</td>
</tr>
<tr>
<td>PP 2</td>
<td>Metal Pole</td>
<td>369703.60'</td>
<td>3631177.08'</td>
<td>Do Not Disturb</td>
</tr>
<tr>
<td>PP 3</td>
<td>Metal Pole</td>
<td>370198.75'</td>
<td>3631188.40'</td>
<td>Do Not Disturb</td>
</tr>
<tr>
<td>PP 4</td>
<td>Wooden Poles (double)</td>
<td>3631193.48'</td>
<td>3631174.44'</td>
<td>Do Not Disturb</td>
</tr>
</tbody>
</table>

NOTES:

1. ACCESS ROUTES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. ACCESS CHANNELS, OTHER THAN THOSE SHOWN ON THE PLANS MAY BE REQUIRED TO REACH LINE RM TO CONSTRUCT PROPOSED SHORELINE PROTECTION. IT IS THE CONTRACTOR’S RESPONSIBILITY TO DETERMINE ACCESS CHANNEL REQUIREMENTS PRIOR TO SUBMITTING BID AND INCLUDE IN BID PRICE.

2. PRIOR TO FLOATING EQUIPMENT BENEATH ELECTRICAL TRANSMISSION LINES, THE CONTRACTOR SHALL COORDINATE THE DE-ENERGIZING OF POWER LINES. FOR POWER LINES ADJACENT TO LIMITS OF WORK, CONTACT ENTERGY:

   JIMMY SHOLAR
   CELL: 504-615-5540
   EMAIL: JSHOLAR@ENTERGY.COM

   SEE NOTE 5 ON SHEET 2 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION ON DE-ENERGIZING.

3. SEE NOTE 4, 6 AND 7 ON SHEET 2.

DRAWN BY: SRH
DESIGNED BY: SRH
APPROVED BY: BS

STATE PROJECT NUMBER: BA-02
FEDERAL PROJECT NUMBER: BA-02
DATE: JUNE 2015

SCALE: 1" = 800' (11" X 17")

IMAGE DATE: 11/14/2012

JAMES R. SMITH, License No. 19893
PROFESSIONAL ENGINEER

UTILITY DISPOSITION

PROPOSED SHORELINE PROTECTION
PROPOSED EXCAVATION AREA
TEMPORARY SPOIL LOCATION
EXISTING MARSH EDGE
POWER LINES
SURVEYED POWER POLES
500 FT ENTERGY POWER LINE RIGHT OF WAY
POTENTIAL ACCESS ROUTE (CONTRACTOR TO DETERMINE)
TYPICAL SECTION
ROCK DIKE SECTION:
STA 100+00 TO 106+01 AND
STA 200+00 TO 200+55

LEGEND

WOODEN MATS
PROPOSED ROCK DIKE
PROPOSED ACCESS CHANNEL
TEMPORARY SPOIL LOCATION
WARNING SIGN
EXISTING PROFILE
GEOTEXTILE FABRIC
MEAN HIGH/LOW WATER LEVEL

LIMITS OF CONSTRUCTION

LIMITS OF CONSTRUCTION

OFFSET (%) SCALE: 1"=10'
(11"X17")

ELEVATION (ft)

NOT USED
WOODEN CRANE MATS
(SEC. 41 FIRM ZONE)

VARIABLE
-10,0' MIN.

PERMANENT WARNING TAPE
SEE DETAIL SHEET FOR ELEVATIONS

REMOVED UPON COMPLETION OF BACKFILLING OPERATION

-10,0' OR AS DIRECTED BY ENGINEER

-60,0'
BACKFILLED - PERMITS COMPLETION OF WORK
ALL TEMPORARY ACCESS CHAINLINKS WERE REMOVED.

SCALE: 1 ft = .15 in

RICK DEAN POINT TABLE

|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|

NEW DREDGED MATERIALS
EXISTING MESH
EXISTING SEDIMENT BANK
PREPARED MESH BANK
NEW MESH BANK
NEW SOIL BANK
NEW SLOPES
NEW SLOPES
PREPARED SLOPES
PREPARED SLOPES
NEW SLOPES
NEW SLOPES
PREPARED SLOPES
PREPARED SLOPES
NEW SLOPES
NEW SLOPES
PREPARED SLOPES
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