STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY

BARATARIA BASIN SIGN REPLACEMENT

FOR PROJECTS NO. BA-0020, BA-0027, BA-0037, BA-0202, BA-0197
JEFFERSON & LAFOURCHE PARISH, LOUISIANA

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8 mi 4mi 0' 4mi 8mi

STATE OF LOUISIANA
KEVIN P. RIZZO
License No. 30575
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
01/12/23

LICENSURE CLASSIFICATION REQUIREMENTS
HEAVY CONSTRUCTION (3) OR WHARVES, DOCKS, HARBOR IMPROVEMENTS, AND TERMINALS (7-67)

CONSTRUCTION DOCUMENTS

REV.	DATE	DESCRIPTION	BY
01	01/25/23	CPRA COMMENTS	MEB

DELTA COAST CONSULTANTS, LLC

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

BARATARIA BASIN SIGN REPLACEMENT

DESIGNED BY: MEB/KPR
APPROVED BY: KPR
STATE PROJECT NUMBER: SHOWN
DRAWN BY: BAD
DATE: 1/12/23
SHEET 1 OF 18

GENERAL NOTES:

1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR ENSURING THAT ALL WORK COMPLIES WITH THE PLANS AND SPECIFICATIONS.
2. PROPOSED SIGN LOCATIONS SHOWN ON THE PLANS ARE BASED ON THE FIELD INVESTIGATIONS PERFORMED IN JUNE 2022 BY DELTA COAST CONSULTANTS, INC. ALL ELEVATIONS ARE GIVEN IN NAVD88. ALL HORIZONTAL COORDINATES ARE GIVEN IN NAD83.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL CONSTRUCTION ACTIVITIES WITHIN THE LIMITS AND BOUNDARIES IDENTIFIED ON THE PLANS. THE ENGINEER OR HIS REPRESENTATIVE SHALL MONITOR THE CONTRACTOR'S LOCATION DURING CONSTRUCTION. ALL EQUIPMENT SHALL REMAIN FLOATING AT ALL TIMES. NO ACCESS DREDGING WILL BE ALLOWED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING AND MARKING ALL UNDERGROUND UTILITIES AND PIPELINES WITHIN 150 FT OF THE PROJECT AREA PRIOR TO BEGINNING CONSTRUCTION. PIPELINES AND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL CONTACT LOUISIANA ONE CALL AT 1-800-272-3020 AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. ALL UTILITIES AND OBSTRUCTIONS SHALL REMAIN MARKED THROUGHOUT THE DURATION OF CONSTRUCTION.
5. THE ESTIMATED QUANTITIES SHOWN ON THE PLANS ARE FOR BIDDING PURPOSES ONLY. UNIT QUANTITIES ARE BASED ON SITE CONDITIONS AND INFORMATION OBTAINED DURING THE DESIGN PROCESS AND ARE SUBJECT TO CHANGE. THE OWNER RESERVES THE RIGHT TO ADJUST QUANTITIES DURING CONSTRUCTION, HIGHER OR LOWER, WITHOUT ADJUSTMENT OF THE UNIT PRICE BID FOR THE ITEM.
6. ALL DEBRIS AND MATERIALS REMOVED DURING CONSTRUCTION AND NOT SPECIFICALLY NOTED OR REQUESTED FOR SALVAGE BY THE OWNER SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR AT AN APPROPRIATE OFF-SITE LOCATION.
7. THE CONTRACTOR SHALL SUBMIT A WORK PLAN TO THE ENGINEER FOR APPROVAL PRIOR TO ISSUANCE OF NOTICE TO PROCEED. THE WORK PLAN SHALL INCLUDE A PROJECT SCHEDULE, SEQUENCE OF CONSTRUCTION, AND QUALITY CONTROL PLAN FOR ALL MAJOR ITEMS OF WORK.
8. THE CONTRACTOR SHALL VERIFY ALL ELEVATIONS AND DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES FOUND IN THE PLANS AND SPECIFICATIONS.
9. ALL DEBRIS UNEARTHED FROM THE COMPLETION OF THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE REMOVED FROM THE SITE. NO ADDITIONAL COMPENSATION SHALL BE GIVEN TO CONTRACTOR FOR MATERIALS THAT ARE DISCOVERED DURING CONSTRUCTION THAT ARE NOT SHOWN IN THE PLANS.
10. THE CONTRACTOR SHALL NOT, AT ANY TIME, TREAD ON EXISTING MARSH OR VEGETATED WETLANDS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
11. PLANS AND SPECIFICATIONS ARE COMPLEMENTARY; WHAT IS REQUIRED BY ONE IS BINDING AS IF REQUIRED BY ALL. CLARIFICATIONS AND INTERPRETATIONS OF, OR NOTIFICATIONS OF MINOR VARIATIONS AND DEVIATIONS IN THE CONTRACT DOCUMENTS, WILL BE ISSUED BY THE ENGINEER.
12. ANY DAMAGE TO EXISTING U.S. COAST GUARD NAVIGATION AIDS OR PRIVATE NAVIGATION AIDS SHALL BE REPAIRED BY THE CONTRACTOR TO U.S. COAST GUARD STANDARDS AT THE EXPENSE OF THE CONTRACTOR.
13. THE INTERIOR WATERS IN BAYOU PEROT AND OTHER SURROUNDING ACCESS WATERS WILL LIKELY BE TOO SHALLOW TO ALLOW ADEQUATE DEPTH FOR HEAVY MACHINERY TO DRIVE PILINGS. NO ACCESS DREDGING SHALL BE ALLOWED WHEN REPLACING THE PILINGS. THE CONTRACTOR MAY ATTEMPT TO DRIVE PILINGS BY OTHER MEANS TO A DEPTH OF 25' BELOW THE MUDLINE STATED IN THE PLANS AND TECHNICAL SPECIFICATIONS.
14. THE 2" BORDER ON THE WARNING SIGN WILL BE A RETROREFLECTIVE MATERIAL OF ORANGE COLOR. THE LETTERING FIELD WILL BE A RETROREFLECTIVE MATERIAL OF WHITE COLOR. THE LETTERING FOR THE WARNING SIGN WILL BE BLACK. ALL SIGNS MUST MEET U.S. COAST GUARD STANDARDS, IN ACCORDANCE WITH 33 CFR CHAPTER I, SUBCHAPTER C FOR CLASS C STRUCTURES.
15. SIGNS SHOULD BE LOCATED IN THE SAME LOCATION AND ORIENTATION AS THE PREVIOUS SIGNS. IF ORIENTATION IS IN QUESTION, SIGNS SHOULD BE PLACED AS INDICATED BY THE ENGINEER'S REPRESENTATIVE.
16. PROJECT SITE BA-0202 IS ADJACENT TO QUEEN BESS ISLAND WILDLIFE REFUGE. CONTRACTOR SHALL COORDINATE ALL ACTIVITY NEAR QUEEN BESS WITH THE LOUISIANA DEPARTMENT OF WILDLIFE AND FISHERIES (LDWF). CONTACT INFORMATION FOR LDWF IS PROVIDED IN SECTION SP-7 OF THE SPECIFICATIONS.

STRUCTURAL NOTES:.

1. ALL BOLTS AND NUTS SHALL INCLUDE OGEE WASHERS UNLESS NOTED OTHERWISE.
2. ALL SAW CUTS AND DRILLED HOLES SHALL BE TREATED W/ COPPER NAPHTHENATE PRIOR TO INSTALLING HARDWARE.
3. ALL BOLTS, NUTS, WASHERS, AND OTHER HARDWARE REQUIRED TO CONSTRUCT SIGNS AS DEPICTED IN THESE DRAWINGS SHALL BE INCLUDED IN THE COST OF THE WARNING SIGN REPLACEMENT LINE ITEMS (BA-0020, BA-0027, BA-0037, & BA-0202).
4. ALL HARDWARE SHALL BE STAINLESS STEEL OR ALUMINUM AS INDICATED IN THE PLANS OR SPECIFICATIONS.

SUMMARY OF ESTIMATED QUANTITIES

Item No.	Description	Unit	Estimated Quantity
1	Mobilization & Demobilization	LS	1
2	Warning Sign Replacement (BA-0020)	EA	24
3	Timber Piling Cap Replacement (BA-0020)	EA	25
4	Warning Sign Replacement (BA-0027)	EA	89
5	Timber Piling Cap Replacement (BA-0027)	EA	38
6	Timber Piling Replacement (BA-0027)	EA	29
7	Navigational Light Replacement (BA-0027)	EA	5
8	Warning Sign Replacement (BA-0037)	EA	30
9	Timber Piling Cap Replacement (BA-0037)	EA	24
10	Timber Piling Replacement (BA-0037)	EA	9
11	Warning Sign Replacement (BA-0202)	EA	3
12	Timber Piling Cap Replacement (BA-0202)	EA	9
13	Timber Piling Replacement (BA-0202)	EA	7
14	Navigational Light Replacement (BA-0202)	EA	5
15	Navigational Light Replacement (BA-0197)	EA	3

CIVIL NOTES:.

1. CONTRACTOR TO REMOVE ROCK AS NECESSARY TO INSTALL PILINGS AND REPLACE IN KIND.
2. THE CONTRACTOR SHALL INVESTIGATE THE SUBSURFACE CONDITIONS OF THE ENTIRE SITE PRIOR TO BEGINNING PILE DRIVING PLANS. IF THE CONTRACTOR IDENTIFIES A PERMANENT OBSTRUCTION, THE ENGINEER MAY ADJUST THE LAYOUT TO AVOID THE OBSTRUCTION. ANY ADJUSTMENT THAT DOES NOT RESULT IN A CHANGE IN QUANTITY SHALL BE INSTALLED AT NO ADDITIONAL COST.

STATE OF LOUISIANA
KEVIN P. RIZZO
License No. 30575
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
01/12/23

REV.	DATE	DESCRIPTION	BY
01	01/25/23	CPRA COMMENTS	MEB

DELTA COAST CONSULTANTS, LLC

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

GENERAL NOTES AND QUANTITIES

DESIGNED BY: MEB/KPR
APPROVED BY: KPR

BARATARIA BASIN SIGN REPLACEMENT

STATE PROJECT NUMBER: SHOWN
DRAWN BY: BAD

DATE: 1/12/23

SHEET 2 OF 18

STATE OF LOUISIANA
KEVIN P. RIZZO
License No. 30575
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
01/12/23

INFRASTRUCTURE NOTES:

1. PIPELINE LOCATIONS ARE APPROXIMATE. PIPELINES SHOWN ARE BASED ON THE FOLLOWING DATA BASES: NATURAL PIPELINE MAPPING SYSTEM PUBLIC VIEWER - PVNPMS.PHMSA.DOT.GOV/PUBLIC VIEWER/
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NAVIGATING FROM A NAVIGABLE WATER BODY TO THE PROJECT AREA. ALL EQUIPMENT SHALL REMAIN FLOATING AT ALL TIMES. NO ACCESS DREDGING WILL BE ALLOWED.
3. KNOWN PIPELINES AND UTILITIES ARE SHOWN ON THE PLANS. IT IS POSSIBLE THAT PIPELINES AND UTILITIES MAY EXSIST THAT ARE NOT SHOWN. THE CONTRACTOR SHALL CONTACT LOUISIANA ONE CALL AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. INFRASTRUCTURE NEAR THE PROJECT SITES SHALL REMAIN MARKED FOR THE DURATION OF THE PROJECT.
4. OYSTER LEASES AND OYSTER SEED GROUNDS EXIST NEAR OR WITHIN THE BOUNDARIES OF THE PROJECT SITES. NO SURVEYS WERE CONDUCTED TO ESTABLISH EXACT LOCATIONS OF THESE AREAS. THE CONTRACTOR WILL NOT HAVE ACCESS THROUGH ANY PRIVATE OYSTER LEASES AT ANY TIME DURING CONSTRUCTION.

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DELTA COAST CONSULTANTS, LLC

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
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APPROXIMATE OYSTER LEASE SEED GROUND & PIPELINE LOCATIONS

DESIGNED BY: MEB/KPR
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BARATARIA BASIN SIGN REPLACEMENT

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SHEET 3 OF 18

STATE OF LOUISIANA
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DELTA COAST CONSULTANTS, LLC

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

APPROXIMATE OYSTER LEASE SEED GROUND & PIPELINE LOCATIONS

DESIGNED BY: MEB/KPR
APPROVED BY: KPR

BARATARIA BASIN SIGN REPLACEMENT

STATE PROJECT NUMBER:
DRAWN BY: BAD

DATE: 1/12/23

SHEET 4 OF 18

INFRASTRUCTURE NOTES:

1. PIPELINE LOCATIONS ARE APPROXIMATE. PIPELINES SHOWN ARE BASED ON THE FOLLOWING DATA BASES: NATURAL PIPELINE MAPPING SYSTEM PUBLIC VIEWER - PVNPMS.PHMSA.DOT.GOV/PUBLIC VIEWER/
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DELTA COAST CONSULTANTS, LLC

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150 TERRACE AVENUE
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APPROXIMATE OYSTER LEASE SEED GROUND & PIPELINE LOCATIONS

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BARATARIA BASIN SIGN REPLACEMENT

STATE PROJECT NUMBER:
DRAWN BY: BAD

DATE: 1/12/23

SHEET 5 OF 18

SIGN LOCATIONS

SIGN #	LATITUDE	LONGITUDE	RECOMMENDED REPAIRS
1	29°41'6.02"N	90° 9'0.15"W	Replace sign
4	29°41'1.60"N	90° 8'46.87"W	Replace pile cap
7	29°40'48.45"N	90° 8'43.13"W	Replace pile cap
9	29°40'43.82"N	90° 8'47.06"W	Replace pile cap
10	29°40'39.63"N	90° 8'45.75"W	Replace sign and pile cap
12	29°40'35.22"N	90° 8'41.41"W	Replace sign and pile cap
13	29°40'32.00"N	90° 8'42.15"W	Replace sign and pile cap
14	29°40'28.69"N	90° 8'42.93"W	Replace sign and pile cap
15	29°40'25.59"N	90° 8'38.89"W	Replace sign and pile cap
16	29°40'22.65"N	90° 8'34.96"W	Replace sign and pile cap
17	29°40'19.72"N	90° 8'31.08"W	Replace sign and pile cap
18	29°40'16.78"N	90° 8'27.14"W	Replace sign and pile cap
19	29°40'12.15"N	90° 8'25.70"W	Replace sign and pile cap
20	29°40'11.34"N	90° 8'20.75"W	Replace sign
21	29°40'10.54"N	90° 8'16.07"W	Replace sign and pile cap
22	29°40'7.13"N	90° 8'15.05"W	Replace sign and pile cap
23	29°40'3.75"N	90° 8'14.03"W	Replace pile cap
26	29°39'55.82"N	90° 8'8.95"W	Replace sign and pile cap
27	29°39'56.19"N	90° 8'6.56"W	Replace sign and pile cap
28	29°39'56.56"N	90° 8'4.22"W	Replace sign and pile cap
29	29°39'56.89"N	90° 8'1.93"W	Replace sign and pile cap
30	29°39'57.25"N	90° 7'59.57"W	Replace sign and pile cap
31	29°39'57.60"N	90° 7'57.34"W	Replace sign and pile cap
32	29°39'58.00"N	90° 7'54.84"W	Replace sign and pile cap
33	29°40'1.71"N	90° 7'53.63"W	Replace sign and pile cap
34	29°40'5.22"N	90° 7'52.51"W	Replace sign and pile cap
35	29°40'8.32"N	90° 7'51.56"W	Replace sign
37	29°40'13.97"N	90° 7'46.89"W	Replace sign and pile cap

REV.	DATE	DESCRIPTION	BY
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DELTA COAST CONSULTANTS, LLC

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

SIGN LOACTIONS (BA-0020)

DESIGNED BY: MEB/KPR

APPROVED BY: KPR

BARATARIA BASIN SIGN REPLACEMENT

STATE PROJECT NUMBER: BA-0020

DRAWN BY: BAD

DATE: 1/12/23

SHEET 6 OF 21

STATE OF LOUISIANA
KEVIN P. RIZZO
License No. 30575
PROFESSIONAL ENGINEER
IN
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01/12/23

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DELTA COAST CONSULTANTS, LLC

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

SHEET INDEX (BA-0027)

DESIGNED BY: MEB/KPR
APPROVED BY: KPR

BARATARIA BASIN SIGN REPLACEMENT

STATE PROJECT NUMBER: BA-0027
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STATE OF LOUISIANA
KEVIN P. RIZZO
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SHEET 7 OF 18

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DELTA COAST CONSULTANTS, LLC

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

SIGN LOCATIONS (BA-0027)

DESIGNED BY: MEB/KPR
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BARATARIA BASIN SIGN REPLACEMENT

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STATE OF LOUISIANA
KEVIN P. RIZZO
License No. 30575
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
01/12/23

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SHEET 8 OF 18

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DELTA COAST CONSULTANTS, LLC

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150 TERRACE AVENUE
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SIGN LOCATIONS (BA-0027)

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BARATARIA BASIN SIGN REPLACEMENT

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SHEET 9 OF 18

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150 TERRACE AVENUE
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SIGN LOCATIONS (BA-0027)

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SHEET 10 OF 18

STATE OF LOUISIANA
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SIGN LOCATIONS (BA-0027)

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BARATARIA BASIN SIGN REPLACEMENT

STATE PROJECT NUMBER: BA-0027

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SHEET 11 OF 18

REV.	DATE	DESCRIPTION	BY
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DELTA COAST CONSULTANTS, LLC

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
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SIGN LOCATIONS (BA-0027)

DESIGNED BY: MEB/KPR

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BARATARIA BASIN SIGN REPLACEMENT

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STATE OF LOUISIANA
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DATE: 1/12/23

SHEET 12 OF 18

SIGN LOCATIONS CU#2 (SHEET #11)			
SIGN #	LATITUDE	LONGITUDE	REQUIRED REPAIRS
1	29° 34' 43.74" N	90° 9' 8.42" W	Replace sign
2	29° 34' 43.65" N	90° 9' 2.84" W	Replace sign
3	29° 34' 45.43" N	90° 8' 57.64" W	Replace sign
4	29° 34' 47.82" N	90° 8' 52.64" W	Replace sign
5	29° 34' 50.53" N	90° 8' 48.01" W	Replace sign
6	29° 34' 52.93" N	90° 8' 43.35" W	Replace sign
7	29° 34' 52.19" N	90° 8' 42.35" W	Replace sign
8	29° 34' 48.04" N	90° 8' 40.54" W	Replace sign

SIGN LOCATIONS CU#4 (SHEET#10 & #11)			
SIGN #	LATITUDE	LONGITUDE	REQUIRED REPAIRS
1	29° 36' 39.89" N	90° 6' 48.54" W	Replace sign
2	29° 36' 37.15" N	90° 6' 44.99" W	Replace sign
4	29° 36' 32.43" N	90° 6' 43.36" W	Replace sign
5	29° 36' 28.26" N	90° 6' 43.64" W	Replace sign
6	29° 36' 23.33" N	90° 6' 43.91" W	Replace sign
12	29° 36' 4.38" N	90° 6' 49.03" W	Replace sign
14	29° 35' 56.25" N	90° 6' 52.33" W	Replace sign
39	29° 34' 51.96" N	90° 7' 56.62" W	Replace sign
40	29° 34' 52.36" N	90° 7' 57.02" W	Replace sign
41	29° 34' 48.44" N	90° 7' 56.50" W	Replace sign
45	29° 34' 33.11" N	90° 8' 2.59" W	Replace sign
47	29° 34' 29.54" N	90° 8' 5.91" W	Replace sign
52	29° 34' 9.31" N	90° 8' 7.68" W	Replace pile, pile cap, and sign
53	29° 34' 5.19" N	90° 8' 7.07" W	Replace pile, pile cap, and sign
54	29° 34' 2.12" N	90° 8' 11.02" W	Replace pile, pile cap, and sign
55	29° 34' 6.45" N	90° 8' 11.66" W	Replace pile, pile cap, and sign
56	29° 34' 10.80" N	90° 8' 12.33" W	Replace sign
57	29° 34' 15.12" N	90° 8' 12.98" W	Replace pile, pile cap, and sign
58	29° 34' 20.33" N	90° 8' 13.64" W	Replace sign
60	29° 34' 28.74" N	90° 8' 18.66" W	Replace sign
62	29° 34' 29.66" N	90° 8' 25.34" W	Replace sign
63	29° 34' 32.13" N	90° 8' 29.59" W	Replace sign
66	29° 34' 42.72" N	90° 8' 38.51" W	Replace sign
67	29° 34' 46.08" N	90° 8' 39.88" W	Replace sign
75	29° 33' 57.62" N	90° 9' 30.70" W	Replace sign
79	29° 33' 58.24" N	90° 9' 46.41" W	Replace sign
80	29° 33' 57.42" N	90° 9' 47.60" W	Replace sign
81	29° 33' 54.14" N	90° 9' 43.42" W	Replace pile, pile cap, and sign
82	29° 33' 52.70" N	90° 9' 45.47" W	Replace pile, pile cap, and sign

SIGN LOCATIONS CU#3 (SHEET #11)			
SIGN #	LATITUDE	LONGITUDE	REQUIRED REPAIRS
1	29° 33' 36.82" N	90° 10' 18.73" W	Replace sign and pile cap
2	29° 33' 36.78" N	90° 10' 18.38" W	Replace sign
3	29° 33' 19.56" N	90° 9' 55.18" W	Replace sign
4	29° 33' 19.51" N	90° 9' 54.84" W	Replace sign
5	29° 33' 11.14" N	90° 9' 36.38" W	Replace sign
6	29° 33' 10.72" N	90° 9' 36.06" W	Replace sign
7	29° 33' 11.08" N	90° 9' 35.50" W	Replace sign
8	29° 33' 11.49" N	90° 9' 35.82" W	Replace sign

SIGN LOCATIONS CU#5 (SHEET #11 & #12)			
SIGN #	LATITUDE	LONGITUDE	REQUIRED REPAIRS
1	29° 35' 9.75" N	90° 9' 57.69" W	Replace sign
2	29° 35' 12.69" N	90° 9' 57.63" W	Replace sign
3	29° 35' 15.75" N	90° 9' 56.94" W	Replace sign & pile cap
4	29° 35' 19.92" N	90° 9' 54.33" W	Replace sign, pile, and pile cap
5	29° 35' 24.28" N	90° 9' 51.62" W	Replace sign, pile, and pile cap
6	29° 35' 28.60" N	90° 9' 48.99" W	Replace sign & pile cap
8	29° 35' 38.23" N	90° 9' 49.51" W	Replace pile cap
9	29° 35' 41.70" N	90° 9' 50.57" W	Replace pile cap
10	29° 35' 44.72" N	90° 9' 51.62" W	Replace pile cap
11	29° 35' 47.90" N	90° 9' 51.34" W	Replace pile cap
12	29° 35' 51.36" N	90° 9' 52.05" W	Replace pile cap
13	29° 35' 54.94" N	90° 9' 53.05" W	Replace sign
14	29° 35' 56.79" N	90° 9' 53.91" W	Replace sign
15	29° 35' 58.61" N	90° 9' 55.00" W	Replace sign, pile, and pile cap
16	29° 36' 1.56" N	90° 9' 58.54" W	Replace sign, pile, and pile cap
17	29° 36' 4.46" N	90° 10' 2.00" W	Replace sign, pile, and pile cap
18	29° 36' 7.36" N	90° 10' 5.44" W	Replace sign, pile, and pile cap
19	29° 36' 11.18" N	90° 10' 8.66" W	Replace sign, pile, and pile cap
20	29° 36' 14.33" N	90° 10' 11.33" W	Replace sign
21	29° 36' 18.12" N	90° 10' 14.54" W	Replace sign
22	29° 36' 21.99" N	90° 10' 17.79" W	Replace sign
23	29° 36' 25.84" N	90° 10' 21.05" W	Replace sign, pile, and pile cap
24	29° 36' 29.69" N	90° 10' 24.31" W	Replace sign, pile, and pile cap
25	29° 36' 33.53" N	90° 10' 27.56" W	Replace sign, pile, and pile cap
26	29° 36' 35.78" N	90° 10' 29.90" W	Replace sign
27	29° 36' 40.06" N	90° 10' 33.08" W	Replace sign, pile, and pile cap
28	29° 36' 42.95" N	90° 10' 35.82" W	Replace sign, pile, and pile cap
29	29° 36' 46.11" N	90° 10' 38.81" W	Replace sign, pile, and pile cap
30	29° 36' 48.19" N	90° 10' 40.80" W	Replace sign, pile, and pile cap

STATE OF LOUISIANA
KEVIN P. RIZZO
License No. 30575
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
01/12/23

REV.	DATE	DESCRIPTION	BY
01	01/25/23	CPRA COMMENTS	MEB

DELTA COAST CONSULTANTS, LLC

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

SIGN POINT TABLES (BA-0027)

DESIGNED BY: MEB/KPR
APPROVED BY: KPR

BARATARIA BASIN SIGN REPLACEMENT

STATE PROJECT NUMBER: BA-0027
DRAWN BY: BAD

DATE: 1/12/23

SHEET 13 OF 18

SIGN LOCATIONS CU#6 (SHEET #8 & #9)			
SIGN #	LATITUDE	LONGITUDE	REQUIRED REPAIRS
1	29° 37' 16.82" N	90° 6' 54.55" W	Replace sign, pile, and pile cap
2	29° 37' 16.93" N	90° 6' 54.23" W	Replace sign
3	29° 37' 32.73" N	90° 6' 44.13" W	Replace sign
4	29° 37' 33.00" N	90° 6' 43.96" W	Replace sign
5	29° 38' 6.94" N	90° 6' 40.83" W	Replace sign
6	29° 38' 7.43" N	90° 6' 40.69" W	Replace sign
7	29° 38' 40.16" N	90° 6' 40.72" W	Replace sign and pile cap
8	29° 38' 40.57" N	90° 6' 40.73" W	Replace sign
9	29° 39' 40.34" N	90° 7' 8.35" W	Replace sign
11	29° 39' 43.45" N	90° 7' 15.27" W	Replace sign
12	29° 39' 43.64" N	90° 7' 15.78" W	Replace sign

SIGN LOCATIONS CU#7 & #8 (SHEET #11)			
SIGN #	LATITUDE	LONGITUDE	REQUIRED REPAIRS
9	29° 34' 19.66" N	90° 10' 27.76" W	Replace sign, pile cap, and pile
12	29° 34' 12.85" N	90° 10' 14.07" W	Replace sign, pile cap, and pile
13	29° 34' 12.54" N	90° 9' 58.76" W	Replace sign, pile cap, pile, and navigational light
14	29° 34' 16.10" N	90° 9' 49.90" W	Replace sign, pile cap, pile, and navigational light
16	29° 34' 21.88" N	90° 9' 45.75" W	Replace sign
19	29° 34' 48.52" N	90° 10' 11.36" W	Replace sign
20	29° 34' 54.65" N	90° 10' 13.46" W	Replace sign, pile cap, pile, and navigational light
21	29° 34' 58.37" N	90° 10' 17.32" W	Replace sign, pile cap, pile, and navigational light
22	29° 35' 9.16" N	90° 10' 1.21" W	Replace sign, pile cap, pile, and navigational light

STATE OF LOUISIANA
KEVIN P. RIZZO
License No. 30575
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01/12/23

REV.	DATE	DESCRIPTION	BY
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DELTA COAST CONSULTANTS, LLC

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

SIGN POINT TABLES (BA-0027)

DESIGNED BY: MEB/KPR
APPROVED BY: KPR

BARATARIA BASIN SIGN REPLACEMENT

STATE PROJECT NUMBER: BA-0027
DRAWN BY: BAD

DATE: 1/12/23

SHEET 14 OF 18

SIGN LOCATIONS

SIGN #	LATITUDE	LONGITUDE	RECOMMENDED REPAIRS
1	29° 30' 0.04" N	90°13' 5.32" W	Replace sign
2	29° 30' 0.48" N	90°13' 5.18" W	Replace sign
3	29° 29' 59.39" N	90°13' 0.63" W	Replace sign
4	29° 29' 59.83" N	90°13' 0.57" W	Replace sign
5	29° 29' 58.66" N	90°12' 55.66" W	Replace sign and pile cap
6	29° 29' 59.12" N	90°12' 55.41" W	Replace sign and pile cap
7	29° 29' 57.25" N	90°12' 51.63" W	Replace sign
8	29° 29' 57.65" N	90°12' 51.56" W	Replace sign
14	29° 29' 58.05" N	90°12' 44.21" W	Replace sign and pile cap
15	29° 29' 59.69" N	90°12' 32.77" W	Replace sign, pile, and pile cap
16	29° 29' 59.31" N	90°12' 21.19" W	Replace sign, pile, and pile cap
17	29° 30' 0.54" N	90°12' 9.56" W	Replace sign and pile cap
18	29° 30' 1.91" N	90°12' 2.08" W	Replace sign, pile, and pile cap
19	29° 29' 52.12" N	90°11' 58.85" W	Replace sign and pile cap
20	29° 29' 41.65" N	90°11' 55.23" W	Replace sign and pile cap

SIGN LOCATIONS

SIGN #	LATITUDE	LONGITUDE	RECOMMENDED REPAIRS
21	29° 29' 34.42" N	90°11' 49.44" W	Replace sign and pile cap
22	29° 29' 25.75" N	90°11' 41.75" W	Replace sign and pile cap
23	29° 29' 16.42" N	90°11' 37.02" W	Replace sign and pile cap
24	29° 29' 7.94" N	90°11' 30.99" W	Replace sign and pile cap
25	29° 28' 58.07" N	90°11' 28.33" W	Replace sign, pile, and pile cap
26	29° 28' 50.71" N	90°11' 18.77" W	Replace sign, pile, and pile cap
27	29° 28' 45.50" N	90°11' 10.32" W	Replace sign, pile, and pile cap
28	29° 28' 35.00" N	90°11' 11.81" W	Replace sign, pile, and pile cap
29	29° 28' 23.02" N	90°11' 10.18" W	Replace sign and pile cap
30	29° 28' 10.10" N	90°10' 56.85" W	Replace sign, pile, and pile cap
31	29° 28' 10.29" N	90°10' 48.42" W	Replace sign and pile cap
32	29° 28' 21.31" N	90°10' 34.60" W	Replace sign and pile cap
33	29° 28' 22.20" N	90°10' 23.29" W	Replace sign and pile cap
34	29° 28' 21.93" N	90°10' 11.69" W	Replace sign and pile cap
35	29° 28' 21.91" N	90°10' 0.17" W	Replace sign, pile, and pile cap

STATE OF LOUISIANA
KEVIN P. RIZZO
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IN
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01/12/23

REV.	DATE	DESCRIPTION	BY
01	01/25/23	CPRA COMMENTS	MEB

DELTA COAST CONSULTANTS, LLC

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

SIGN LOCATIONS (BA-0037)

DESIGNED BY: MEB/KPR
APPROVED BY: KPR

BARATARIA BASIN SIGN REPLACEMENT

STATE PROJECT NUMBER: BA-0037
DRAWN BY: BAD

DATE: 1/12/23

SHEET 15 OF 18

STATE OF LOUISIANA
KEVIN P. RIZZO
License No. 30575
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
01/12/23

SIGN LOCATIONS

SIGN #	LATITUDE	LONGITUDE	REQUIRED REPAIRS
1	29°18'10.74"N	89°57'41.90"W	Replace warning sign, pile, pile cap, and navigational light
2	29°18'9.10"N	89°57'35.89"W	Replace warning sign, pile, pile cap, and navigational light
3	29°18'8.16"N	89°57'29.05"W	Replace warning sign, pile, pile cap, and navigational light
4	29°18'20.10"N	89°57'27.38"W	Replace pile cap
5	29°18'20.58"N	89°57'27.80"W	Replace pile cap
6	TBD	TBD	Replace 2 piles, pile caps, and navigational light
7	TBD	TBD	Replace 2 piles, pile caps, and navigational light

REV.	DATE	DESCRIPTION	BY
01	01/25/23	CPRA COMMENTS	MEB

DELTA COAST CONSULTANTS, LLC

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

SIGN LOCATIONS (BA-0202)

DESIGNED BY: MEB/KPR
APPROVED BY: KPR

BARATARIA BASIN SIGN REPLACEMENT

STATE PROJECT NUMBER: BA-0202
DRAWN BY: BAD

DATE: 1/12/23

SHEET 16 OF 18

STATE OF LOUISIANA
KEVIN P. RIZZO
License No. 30575
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
01/12/23

SIGN LOCATIONS

RBS #	LATITUDE	LONGITUDE	RECOMMENDED REPAIRS
01	29°16'.54.63"N	89°56'14.14"W	Replace navigational light
05	29°16'47.22"N	89°56'35.12"W	Replace navigational light
10	29°16'26.15"N	89°56'48.05"W	Replace navigational light

REV.	DATE	DESCRIPTION	BY
01	01/25/23	CPRA COMMENTS	MEB

DELTA COAST CONSULTANTS, LLC

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

SIGN LOCATIONS (BA-0197)

DESIGNED BY: MEB/KPR
APPROVED BY: KPR

BARATARIA BASIN SIGN REPLACEMENT

STATE PROJECT NUMBER: BA-0197
DRAWN BY: BAD

DATE: 1/12/23

SHEET 17 OF 18

PERMANENT SIGN NOTES:

1. THE 2" BORDER ON THE WARNING SIGN SHALL BE REFLECTIVE MATERIAL OF ORANGE COLOR. THE LETTERING FIELD SHALL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE LETTERING FOR THE WARNING SIGNS SHALL BE BLACK. WARNING SIGNS SHALL BE PLACED ON SIDE OF PILE FACING AWAY FROM STRUCTURE.

2. ONE (1) PERMANENT PILE SHALL BE REQUIRED PER SIGN EXCEPT WHERE NOTED. TWO PILES SPACED 4-FOOT ON CENTER SHALL BE REQUIRED FOR SIGNS 6&7 FOR BA-0202 SHOWN ON SHEET 13. SIGN WILL BE INSTALLED AT A LATER DATE BY OWNER.

SIGN DETAIL
(NOT TO SCALE)

ELEVATION VIEW
(NOT TO SCALE)

SIDE VIEW
(NOT TO SCALE)

TYPICAL TIMBER PILE CAP SIDE VIEW
(NOT TO SCALE)

NAVIGATIONAL LIGHT DETAIL - ELEVATION VIEW
(NOT TO SCALE)

NAVIGATIONAL LIGHT DETAIL - BASE VIEW
(NOT TO SCALE)

REV.	DATE	DESCRIPTION	BY
01	01/25/23	CPRA COMMENTS	MEB

DELTA COAST CONSULTANTS, LLC

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

TYPICAL DETAILS

DESIGNED BY: MEB/KPR
APPROVED BY: KPR

BARATARIA BASIN SIGN REPLACEMENT

STATE PROJECT NUMBER:
DRAWN BY: BAD

DATE: 1/12/23

SHEET 18 OF 18