STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY

BRADY CANAL HYDROLOGIC RESTORATION
2018 MAINTENANCE EVENT
[TE-28]
TERRA BOON PARISH

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GRID NORTH

STATE OF LOUISIANA
INSET MAP

STATE PROJECT NUMBER:

DATE: 03/20/2019

APPROVED BY:

RECOMMENDED FOR APPROVAL BY:

MR. JARRET E. BAUER, P.E.  LA LICENSE #36720
ALL SOUTH CONSULTING ENGINEERS, LLC
CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS USED TO ACCESS PROJECT SITE. NO PROVISIONS OR RESTRICTIONS IN LAYOUT OF CONSTRUCTION WORK AND THE MILE MARKERS EXTENDED.

CONTRACTOR SHALL CONDUCT A FIELD VISIT TO THE SITE PRIOR TO SUBMITTING FOR THE PERMIT NO. MVN-1997-00150-WLL. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO AVOID DAMAGE TO ALL PIPELINES WHETHER SHOWN OR NOT IN THE PLAN DRAWINGS.

KINDRED PIPELINES AND UTILITIES ON THE PLANS WERE NOT LOCATED AND SHOWN. THE CONTRACTOR SHALL NAVIGATE THROUGHOUT THE LIMITS OF THE PROJECT SITE.

THE CONTRACTOR SHALL PERFORM A MAGNETOMETER SURVEY OF THE BORROW AREAS, ACCESS CHANNELS, AND ENTRANCE CHANNELS TO ACCELERATE NAVIGATION EQUIPMENT TO AVOID DISTURBING EXISTING OBJECTS ARE APPROXIMATE. CONTRACTOR SHALL CONDUCT A MAGNETOMETER SURVEY PRIOR TO THE START OF WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR NAVIGATION WITHIN THE LIMITS OF THE PROJECT SITE.

THE CONTRACTOR SHALL NOT SUBSTITUTE ANY MEANS OR METHODS USED TO ACCESS THE BORROW AREAS, ACCESS CHANNELS, AND ENTRANCE CHANNELS. ALLISON BURROW AREAS, ACCESS CHANNELS, AND ENTRANCE CHANNELS SHALL BE EXCAVATED OR CLEANED OUT PRIOR TO THE START OF WORK. THE CONTRACTOR SHALL MAINTAIN MARKERS DURING CONSTRUCTION AND SHALL AVOID EXCAVATION OUTSIDE OF THE DESIGNATED EMBA AS SHOWN IN THE PLANS.

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NOTES:
1. PROJECT BASELINE ESTABLISHED BASED ON "BRADY CANAL HYDROLOGIC RESTORATION 2012 MAINTENANCE PROJECT" PLAN COORDINATES.
2. PROJECT BASELINE AND CROSS SECTION DATA PROVIDED BY NRCS.
3. AERIAL IMAGERY & COORDINATE LOCATIONS ARE APPROXIMATE TO RELAY INTENT OF WORK.
4. THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF WORK.
5. APPROXIMATE DIMENSIONS SHOWN EACH SIDE OF RBA ARE OF TOP DIMENSIONS OF CUT. DIMENSIONS AT INVERT NOT SHOWN ON THIS SHEET.
6. OWNER RESERVES RIGHT TO REVISE STATIONING OF ALTERNATE 1 BORROW AND PLACEMENT AREAS AT OWNER'S DISCRETION AT NO ADDITIONAL COST. ALTERNATE 1 BORROW AND PLACEMENT AREAS WILL BE LOCATED ADJACENT TO EACH OTHER ALONG BANKLINE. LOCATION OF ALTERNATE 1 WORK MAY BE ADJUSTED ALONG BANKLINE. ALTERNATE 1 WORK REQUIREMENTS WILL NOT EXTEND OUTSIDE OF JUG LAKE. NO SURVEY DATA IS AVAILABLE FOR ALTERNATE 1.

SCALE: 1" = 1000'
NOTES:
1. ALL EXISTING GRADES SHOWN ARE APPROXIMATE AND SHOULD BE VERIFIED BY THE CONTRACTOR'S OWN SURVEY. EXISTING GRADE WILL VARY BASED ON SITE LAYOUT. SEE PROJECT SPECIFICATIONS FOR SURVEY REQUIREMENTS.
3. LOCATION OF ALL BURIED UTILITIES SHALL BE MARKED AND VERIFIED BY CONTRACTOR PRIOR TO START OF WORK.
4. TYPICAL EMBANKMENT SECTION WITH 4:1 (H:V) SIDE SLOPES AND 10' CROWN WERE USED TO CALCULATE REQUIRED CMF QUANTITIES. CONTRACTOR WILL NOT BE REQUIRED TO RECREATE THIS TYPICAL SECTION. MATERIAL TO BE EXCAVATED FROM EMBA AND PLACED WITHIN DESIGNATED EMA NO SMOOTH GRADING REQUIRED.
5. FOR ALL BACKSIDE PLACEMENT, CONTRACTOR TO REACH OVER THE TOP OF EXISTING VEGETATION TO PLACE MATERIAL. NO CLEARING AND GRUBBING SHALL BE REQUIRED.
6. DATA FROM THE COASTWIDE REFERENCE MONITORING SYSTEM (CRMS) 0398 WAS USED TO CALCULATE MEAN HIGH WATER (+1.47' NAVD88) AND MEAN LOW WATER (+0.49' NAVD88) AVERAGED OVER 2007-2017.
7. OWNER RESERVES RIGHT TO REVISE STATIONING OF ALTERNATE 1 BORROW AND PLACEMENT AREAS AT OWNER'S DISCRETION AT NO ADDITIONAL COST. ALTERNATE 1 BORROW AND PLACEMENT AREA WILL BE LOCATED ADJACENT TO EACH OTHER AS SHOWN, BUT LOCATION OF ALTERNATE 1 WORK MAY BE ADJUSTED ALONG JUG LAKE BANKLINE. ALTERNATE 1 WORK REQUIREMENTS WILL NOT EXTEND OUTSIDE OF JUG LAKE. NO SURVEY DATA IS AVAILABLE FOR ALTERNATE 1.
NOTES:
1. CMF SHOWN AS SMOOTH GRADE FOR CLARITY. FINISH GRADES NOT REQUIRED PER SHEET.
2. ACTUAL CMF LOCATED FORWARD OF BASELINE THIS SHEET UP TO STA: 56+00. CMF LOCATED BEHIND BASELINE BEGINNING AT STA: 56+00 THIS SHEET. SEE TYPICAL SECTIONS SHEET B.

Borrow Area (BBA/EMBA)

GRID NORTH
GRID NORTH REFERENCED TO LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTHERN HEMISPHERE.
1. CMF shown as smooth grade for clarity. Finish grading not required per SHT.

2. Actual CMF located behind baseline this SHT. See typical sections SHT 5.

BORROW AREA (REASMB)

BORROW (RBA/BMA)

JUG LAKE

PLAN - JUG LAKE STA: 62+50 TO STA: 91+50
SCALE: 1" = 200'

PROFILE - JUG LAKE STA: 62+50 TO STA: 91+50
SCALE: PHYS: 1" = 200'
VERT: 1" = 20'
NOTES:
1. CMF SHOWN AS SMOOTH GRADE FOR CLARITY. FINISH GRADING NOT REQ'D PER SHT.
2. ACTUAL CMF LOCATED BEHIND BASELINE STA: 91+50 - STA: 94+40, STA: 100+00 - STA: 116+50 THIS SHT. CMF LOCATED FORWARD OF BASELINE STA: 94+40 - STA: 96+20, STA: 98+00 - STA: 100+00. SEE TYPICAL SECTIONS SHT.
NOTES:
1. CMF SHOWN AS SMOOTH GRADE FOR CLARITY. FINISH GRADING NOT REQ'D PER SHT.
2. ACTUAL CMF LOCATED BETWEEN BASELINE STA: 116+50 - STA: 119+00, STA: 129+71.94 - 136+63.16 THIS SHEET. CMF LOCATED FORWARD OF BASELINE STA: 119+00 - STA: 129+71.94. SEE TYPICAL SECTIONS SHEET.
3. OWNER RESERVES RIGHT TO REVISE STATIONING OF ALTERNATE 1 BORROW AND PLACEMENT AREAS AT OWNER'S DISCRETION AT NO ADDITIONAL COST. ALTERNATE 1 BORROW AND PLACEMENT AREA WILL BE LOCATED ADJACENT TO EACH OTHER AS SHOWN, BUT LOCATION OF ALTERNATE 1 WORK MAY BE ADJUSTED ALONG JUG LAKE BANKLINE. ALTERNATE 1 WORK REQUIREMENTS WILL NOT EXTEND OUTSIDE OF JUG LAKE.

SCALE: 1" = 200'
PLAN - JUG LAKE STA: 116+50 TO STA: 137+85
PROFILE - JUG LAKE STA: 116+50 TO STA: 137+85

STATE PROJECT NUMBER: BRADY CANAL HYDROLOGIC RESTORATION TERRABONNE PARISH, LOUISIANA 2018 MAINTENANCE EVENT

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

DRAWN BY: APPROVED BY:
BRADY CANAL HYDROLOGIC RESTORATION TERRABONNE PARISH, LOUISIANA 2018 MAINTENANCE EVENT

DATE: 03/20/2019 SHEET 10 OF 35

BORROW AREA (RBA/EMBA)
GRID NORTH
NORTH REFERENCED TO LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 83.
NOTE:
CONTRACTOR SHALL BE ALLOWED TO USE ADDITIONAL EMBA SHOWN ON SHT 10 AS REQUIRED TO ACHIEVE QUANTITY.
NOTES:
1. CMF SHOWN AS SMOOTH GRADE FOR CLARITY. FINISH GRADING NOT REQ'D PER SHT 5.
NOTES:

1. SECTION CUT AT PROJECT LINE SEE SHEET 16.

BORROW AREA (RBA/EMBA)

CONSTRUCTION MAINTENANCE FILL (CMF)

NOTE:

1. SECTION CUT AT PROJECT LINE SEE SHEET 16.
NOTES:

1. CMF SHOWN AS SMOOTH GRADE FOR CLARITY. FINISH GRADING NOT REQ'D PER SHEET 5.

STATE PROJECT NUMBER:

CONSTRUCTION NO:

INSTRUCTION:

DRAWN BY:

APPROVED BY:

DESIGNED BY:

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

DATE:

TE-28

JNS

JEB

SCB

03/19/2019

BORROW AREA (RBA/EMBA)

GRID NORTH

NORTH REFERENCED TO LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 83.

PLAN - RA-3 STA: 0+00 TO STA: 3+00

SCALE: 1" = 40'

PROFILE - RA-3 STA: 0+00 TO STA: 3+00

SCALE: HORIZ: 1" = 40' VERT: 1" = 4'

GRID NORTH

EQUAL INTERVALS IN 10' INTERVALS EAST AND WEST, 15' INTERVALS NORTH AND SOUTH

BORROW AREA (RBA/EMBA)