U.S. ARMY CORPS OF ENGINEERS 443,000 **US Army Corps** of Engineers District: CEMVN BERWICK LOCK EAST NOTES: 1. At the direction of the Contracting Officer, all dredged material shall be disposed beyond the -32 foot MLG contour of Atchafalaya River or into commercial borrow pits. TABLE OF COORDINATES VERTEX X=3,315,754.0 4)x=3316249.1 y=441024.9 1)x=3315461.2 y=443192.84 Y= 441,094.9 R= 500' 2. Actual authorized dimensions vary. Dredging assignments detailing the 2 x=3315543.64 y=442988.26 5 x=3316125.6 y=440150.7 DELTA= 29 35'59" 3x=3316217.7 y=441278.04 ATCHAFALAYA RIVER
BERWICK LOCK FOREBAY
AS\_00\_BLF\_20171117\_CS
17 November 2017 443,000 440,000 NOTES:
Horizontal Coordinate System:
North American Datum of 1983 (NAD83), projected to the State Plane VICINITY MAP Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet. <u>LEGEND</u> Gage Reading: MORGAN CITY: 3.20 MLG Vertical Datum: Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG). Datum Relationships for Lower Atchafalaya River at Morgan City (03780) as of May 2014: 0.0' NAVD88 (2009.55) = 2.05' MLG Sea Conditions: CALM --- Federal Navigation Channel Cable Area Borrow Area OB-167 -12' and above Vessel Name: Shoalest Sounding\*\* — Federal Navigation Center Line Placement Area CONDITION Survey Type: The location of navigation aids are base on and provided by the U.S. Coast Guard. \_\_\_\_ -12' and below Sounding Frequency\*\*\*: HIGH As-built Pipeline/Cable Anchorage Area Beacon, General 2015 Aerial Photography data source: NAIP. ∅ Obstruction Point Reference is N.O.A.A. Navigation Chart No. 11355. ..... Unconfirmed Pipeline/Cable Red Navigation Buoy Sheet \*\* Shoalest Sounding per Quarter per Reach. — Project Depth Contour Wrecks-Submerged Reference Green Navigation Buoy \*\*\* High frequency (200 kHz) survey data represents the first signal return at a sounding location and will include suspended solids, known as "fluff", if present. Low frequency (20 kHz) 200 300 100 Number survey data normally penetrates through this "fluff" layer to depict elevations of consoldiated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer **of** 1

ontributors, and the GIS user community

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