

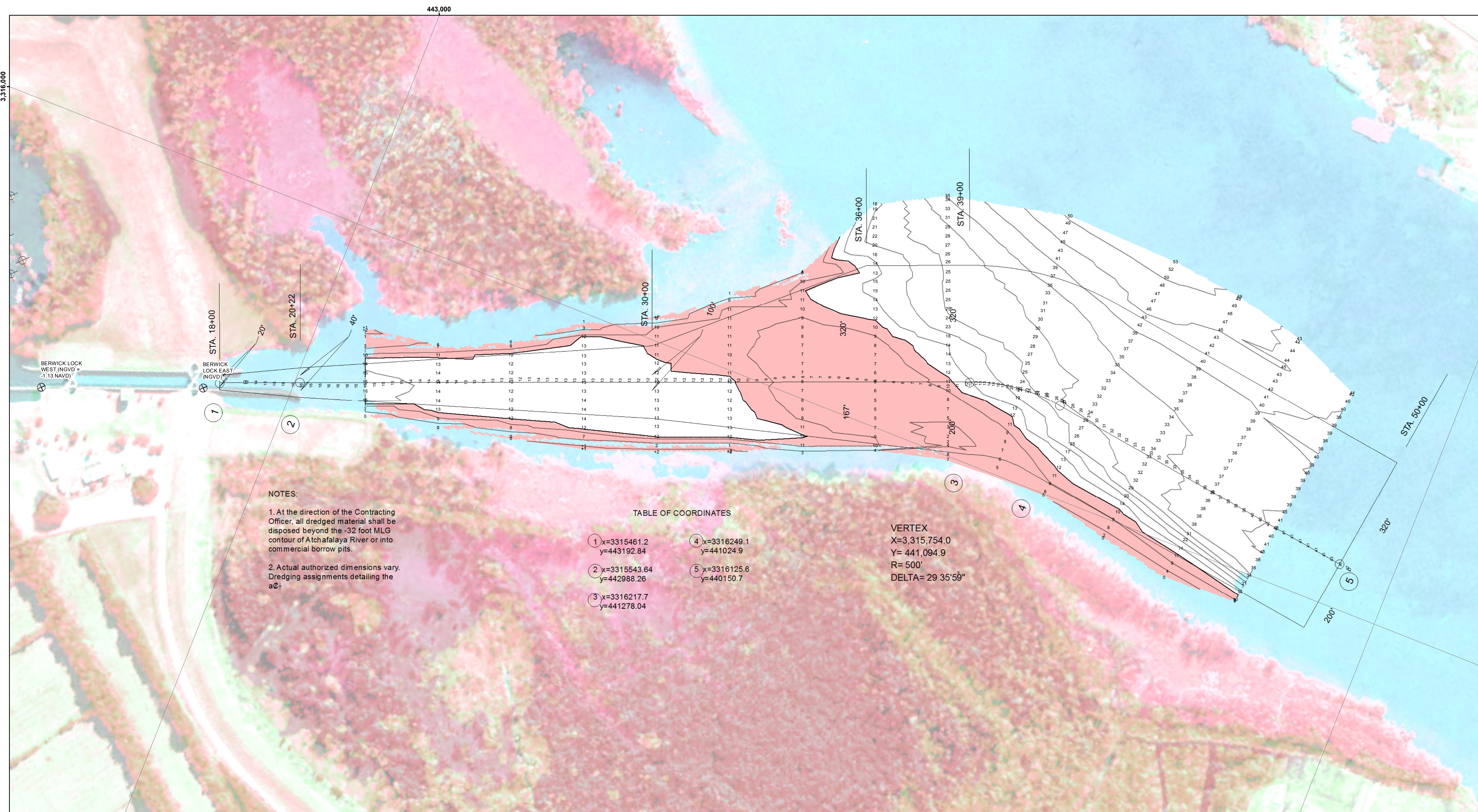


**US Army Corps of Engineers District: CEMVN**

**Accession:** The data represents the results of data collection processing for a specific US Army Corps of Engineers project. The data is not intended for use in any other project. It is only valid for its intended use, control, time and accuracy specifications. The user is responsible for the results of any application of the data for other than its intended purpose. The application of the data for other than its intended purpose may result in errors and omissions. The user is responsible for the results of any application of the data for other than its intended purpose.

**Data Constraints:** Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging, sedimentation, and changes in channel conditions. The user is responsible for the results of any application of the data for other than its intended purpose. The user is responsible for the results of any application of the data for other than its intended purpose.

**Disclaimer:** The information depicted on this map represents the results of a survey conducted by the US Army Corps of Engineers. The information is not intended to represent the general condition existing at that time. The user is responsible for the results of any application of the data for other than its intended purpose.



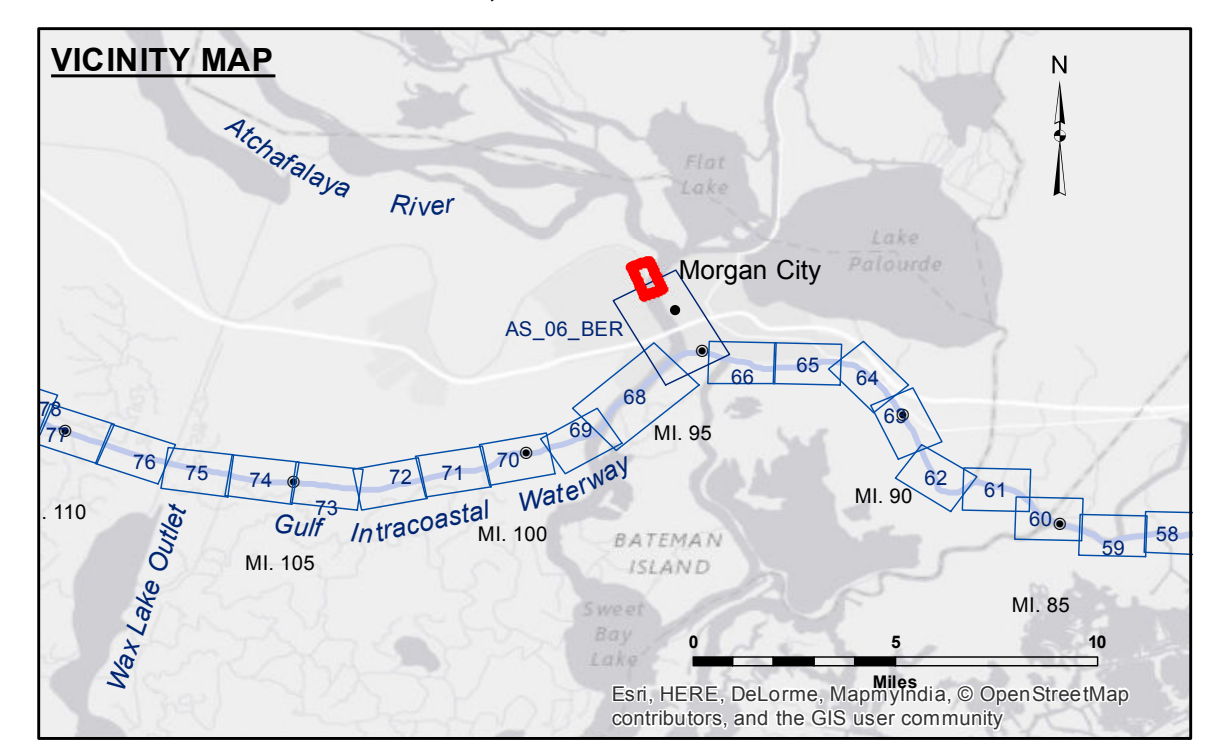
**NOTES:**

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.
2. Actual authorized dimensions vary. Dredging assignments detailing the actual dimensions shall be provided by the Contracting Officer.

**TABLE OF COORDINATES**

|   |                             |   |                           |
|---|-----------------------------|---|---------------------------|
| 1 | x=3315461.2<br>y=443192.84  | 4 | x=3316249.1<br>y=441024.9 |
| 2 | x=3315543.64<br>y=442988.26 | 5 | x=3316125.6<br>y=440150.7 |
| 3 | x=3316217.7<br>y=441278.04  |   |                           |

**VERTEX**  
X=3,315,754.0  
Y= 441,094.9  
R= 500'  
DELTA= 29 35'59"



**LEGEND**

|                                  |                     |                         |                  |
|----------------------------------|---------------------|-------------------------|------------------|
| --- Federal Navigation Channel   | ○ Cable Area        | □ Borrow Area           | ■ -12' and above |
| — Federal Navigation Center Line | □ Placement Area    | ● Shoalest Sounding**   | □ -12' and below |
| — As-built Pipeline/Cable        | □ Anchorage Area    | ★ Beacon, General       |                  |
| ..... Unconfirmed Pipeline/Cable | ⊗ Obstruction Point | ◆ Red Navigation Buoy   |                  |
| — Project Depth Contour          | ⚓ Wrecks-Submerged  | ◆ Green Navigation Buoy |                  |

**Gage Reading:** MORGAN CITY: 8.2 MLG  
**Sea Conditions:** CALM  
**Vessel Name:** M/V OB189  
**Survey Type:** CONDITION  
**Sounding Frequency\*\*\*:** HIGH

**Vertical Datum:** North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.

**2010 Aerial Photography data source:** NAIP 1998 DOQQ imagery shown in green from USGS.

**Reference is N.O.A. Navigation Chart No. 11355.**

**\*\* Shoalest Sounding per Quarter Per Reach.**

**\*\*\* 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) survey data normally penetrates through this "fluff" layer to depict elevations of consolidated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.**

**U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT**

|   |                           |
|---|---------------------------|
| Submitted:                                    | Surveyed By: RYLAND ADAMS |
| Recommended: Chief Survey Section             | Plotted By: AO            |
| Approved: Chief Waterways Maintenance Section | Checked By: AN            |

**ATCHAFALAYA RIVER  
BERWICK LOCK FOREBAY  
AS\_00\_BLF\_20160129  
29 January 2016**

**Sheet  
Reference  
Number  
1 of 1**