

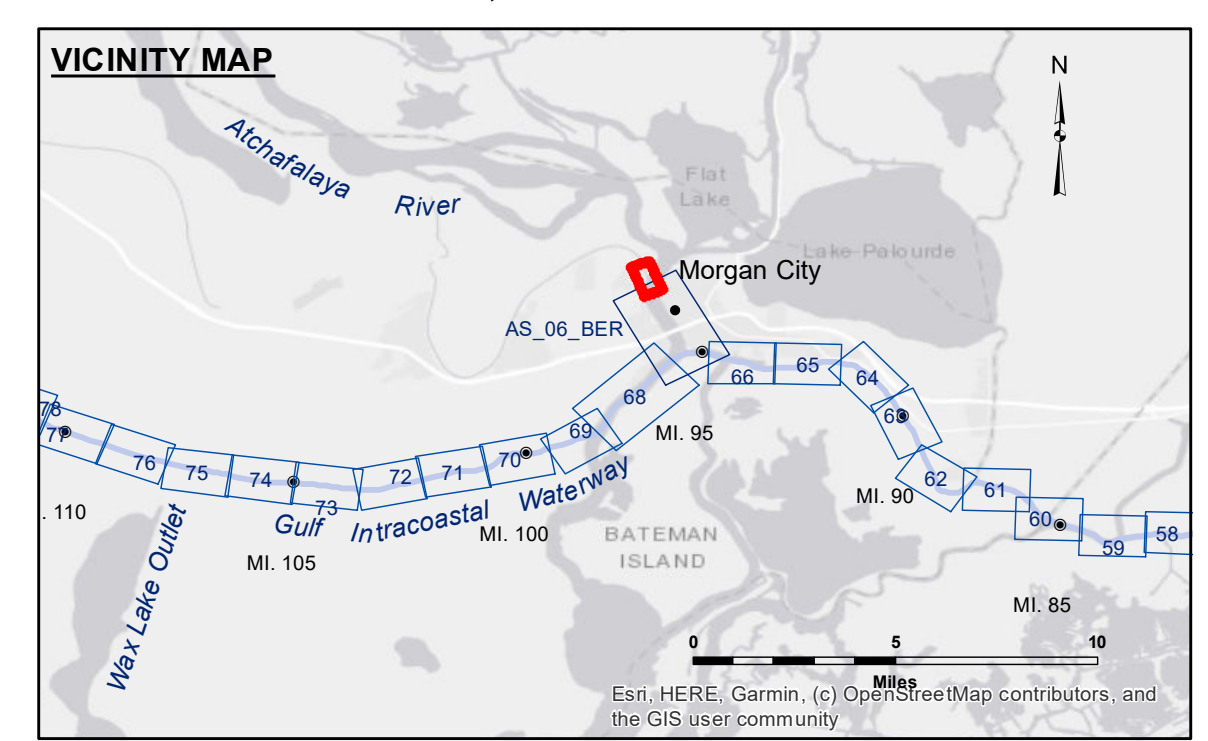
NOTES:

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 ac

TABLE OF COORDINATES

① x=3315461.2 y=443192.84	④ x=3316249.1 y=441024.9
② x=3315543.64 y=442988.26	⑤ x=3316125.6 y=440150.7
③ x=3316217.7 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	■ Placement Area	● Shoalest Sounding**	■ -12' and above
— Federal Navigation Center Line	□ Anchorage Area	★ Beacon, General	○ Obstruction Point	★ Red Navigation Buoy	□ -12' and below
— As-built Pipeline/Cable	✶ Wrecks-Submerged	★ Green Navigation Buoy			
..... Unconfirmed Pipeline/Cable					
— Project Depth Contour					

Gage Reading: MORGAN CITY: 3.10 MLG
Sea Conditions: CALM
Vessel Name: OB-169
Survey Type: CONDITION
Sounding Frequency***: LOW

NOTES:
Horizontal Coordinate System:
North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.
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
The location of navigation aids are base on and provided by the U.S. Coast Guard.
2015 Aerial Photography data source: NAIP.
Reference is N.O.A.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.



DISCLAIMER:
The data represents the results of data collection performed for a specific US Army Corps of Engineers project and is only valid for its intended use, control, time and accuracy specifications. The user is responsible for the results of the application of the data for other than its intended purpose.
Data Contaminants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging, sedimentation, and other channel changes. The user is responsible for the accuracy of the data for their intended use. The information depicted on this map represents the results of a survey conducted under the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: SP-JA
Recommended: Chief Survey Section	Plotted By: BD
Approved: Chief Waterways Maintenance Section	Checked By: AC

**ATCHAFALAYA RIVER
BERWICK LOCK FOREBAY
AS_00_BLF_20201124_CS
24 November 2020**

**Sheet
Reference
Number
1 of 1**

Revision Number:
4.1-20191105