

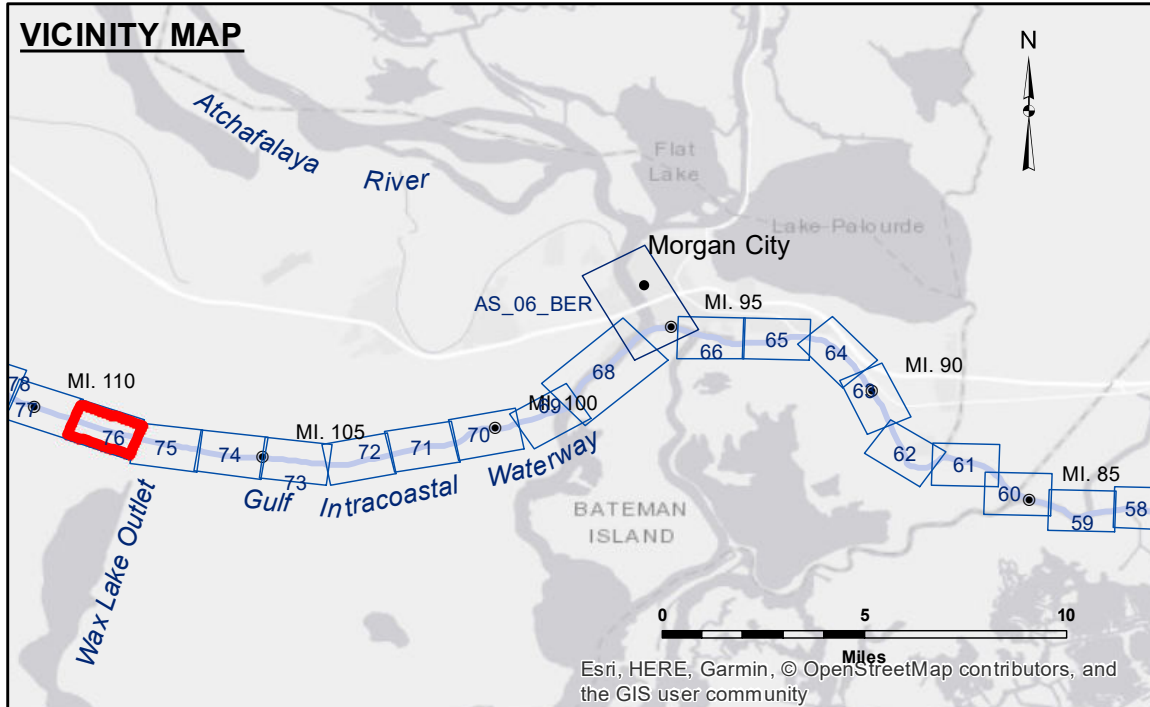
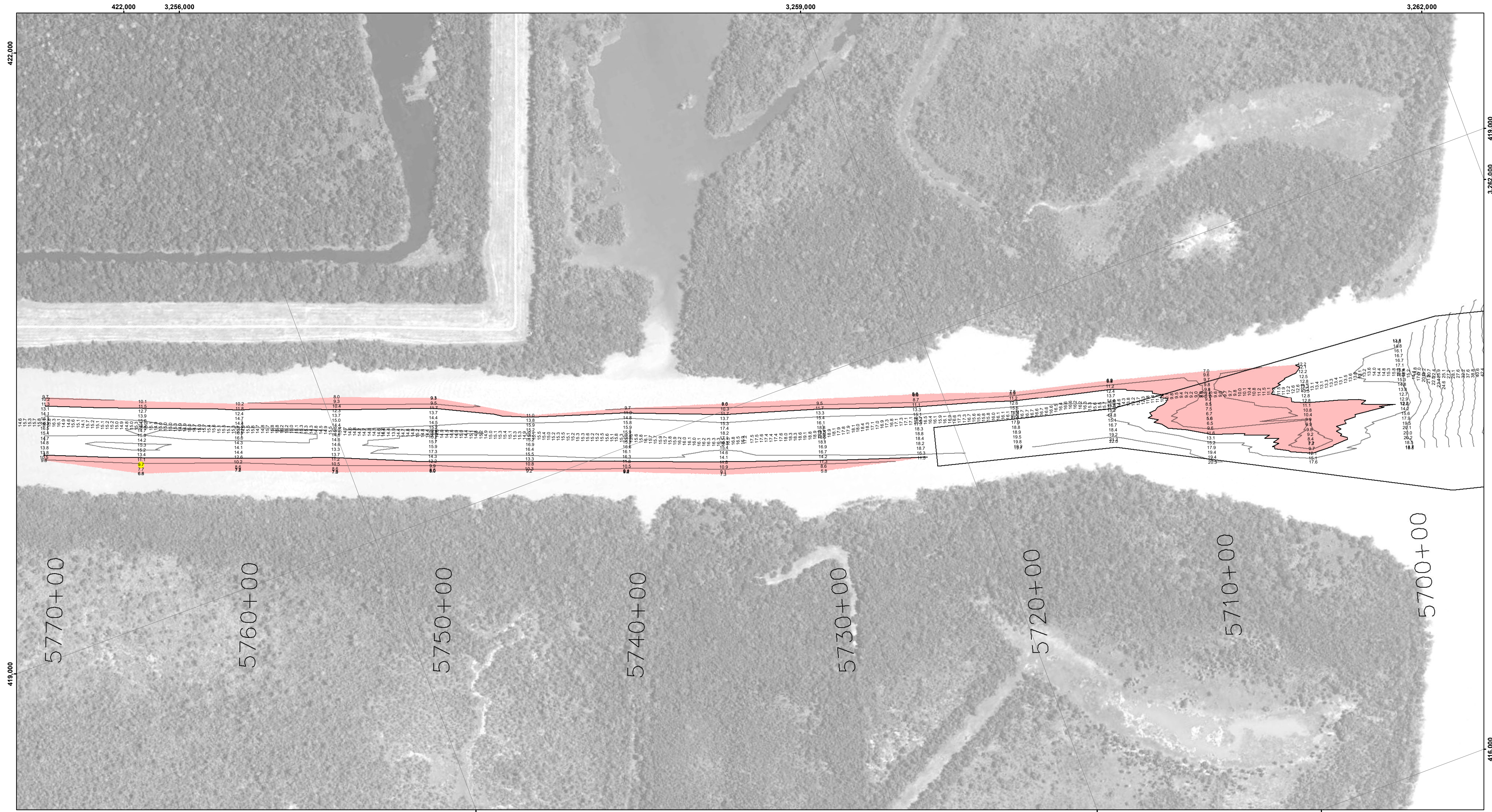


US Army Corps of Engineers
District: CEMVN

DISTRIBUTION LIABILITY: The data represents the results of data collection/processing 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 its use. The application of the data for other than its intended purpose, in any manner, is not warranted.

DATE: 11 June 2019

DATA: Hydrographic survey data is subject to change due to several factors including but not limited to dredging operations, changes in channel characteristics, and changes in the hydrographical conditions when developed after the date of the survey. The user is responsible for the accuracy of the data. The information depicted on the map represents the results of a survey conducted at the time and place indicated. It is not to be considered as a warranty of any kind or as a representation of the general condition existing at that time.



LEGEND

Federal Navigation Channel	Cable Area	Borrow Area	-12' and above -12' and below
Federal Navigation Center Line	Placement Area	Shoalest Sounding**	
As-built Pipeline/Cable	Anchorage Area	Beacon, General	
Unconfirmed Pipeline/Cable	Obstruction Point	Red Navigation Buoy	
Project Depth Contour	Wrecks-Submerged	Green Navigation Buoy	

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).

The location of navigation aids are base on and provided by the U.S. Coast Guard.

2015 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.

Gage Reading: BB LOCK: 6.20 MLG AVG.
Sea Conditions: CALM
Vessel Name: M/V VALENTOUR
Survey Type: CONDITION
Sounding Frequency***: LOW

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	RYLAND/DAMIS
Recommended: Chart Survey Section	Filed By: BD
Approved: Chart Waterways Maintenance Section	Checked By: AC

**GULF INTRACOASTAL WATERWAY
WAX LAKE OUTLET
GI_76_WLO_20190611_CS
11 June 2019**

**Sheet
Reference
Number
76 of 191**