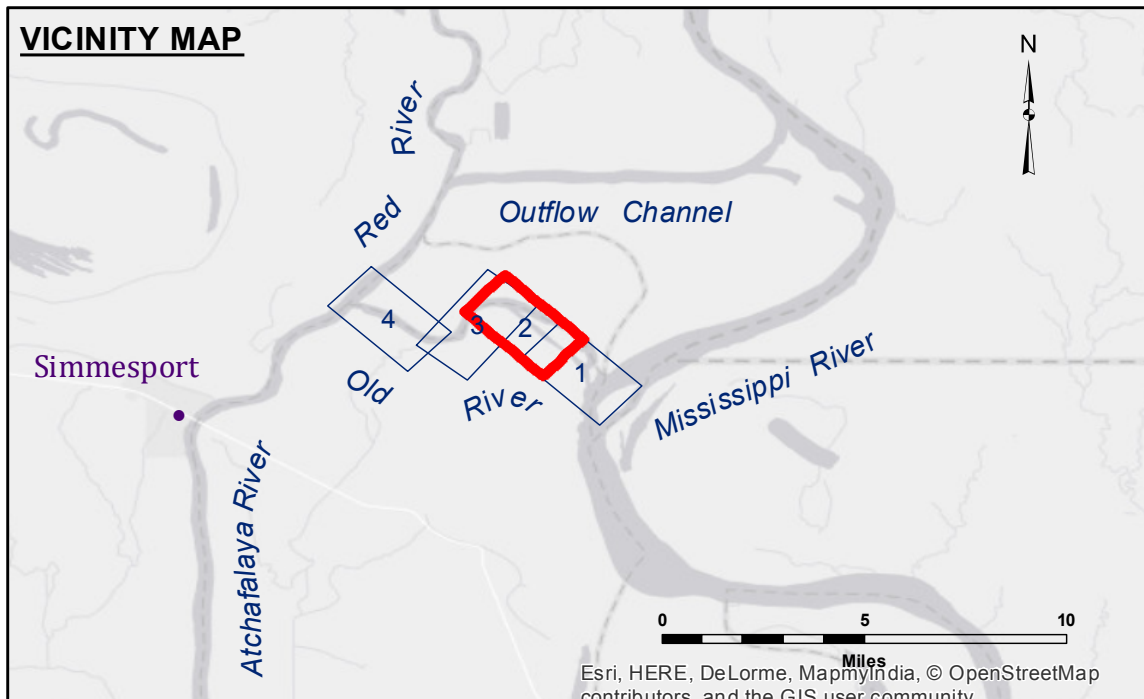
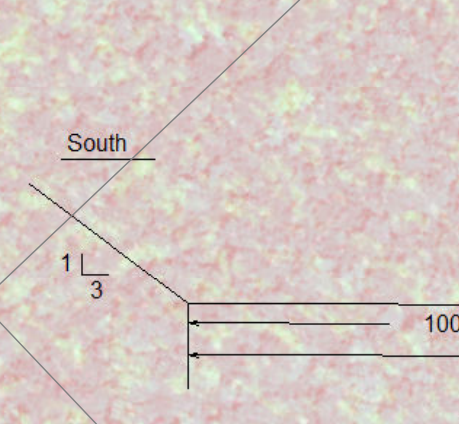
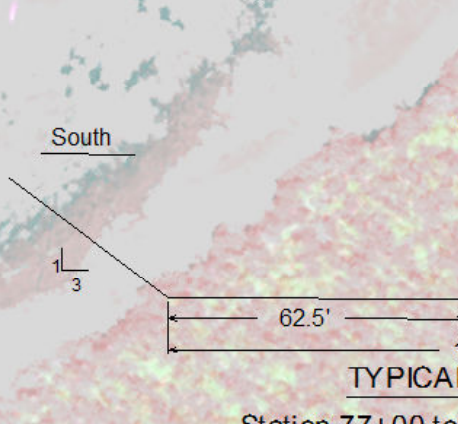
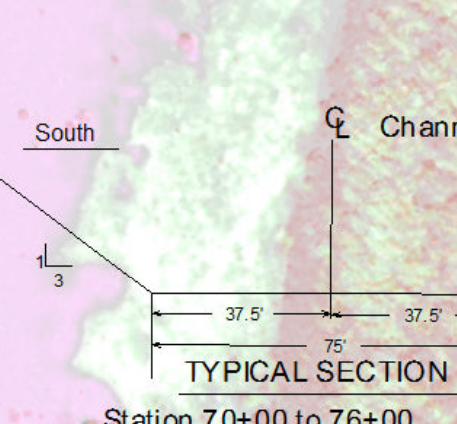


TABLE OF COORDINATES

POINT NO.	X	Y
1	3173799.847	911152.012
2	3173757.630	911193.041
3	3168453.395	916211.660
4	3166622.631	916698.836
5	3165637.125	916460.188

CURVE #2 DATA
 $\Delta = 57^\circ 1' 33.760''$
 $D = 2^\circ 53' 13.2''$
 $R = 1984.33$
 $T = 1974.99$
 $L = 1894.48$



LEGEND

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -8' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -8' to -10'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -10' to -12'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -12' and below
— 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 National Geodetic Vertical Datum of 1929 (NGVD29).

The location of navigation aids are based on and provided by the U.S. Coast Guard. Positions of navigation aids shown may also have been surveyed in the field by USACE.

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

Reference is N.O.A.A. Navigation Chart No. 11354.

** 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: ORL TB: 7.00 NGVD
 Sea Conditions: CALM
 Vessel Name: M/V OB 189
 Survey Type: CONDITION
 Sounding Frequency***: HIGH

Scale: 0 to 1,500 Feet



DISCLAIMER:
 The information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. The Corps of Engineers does not warrant the accuracy of the information depicted on this map. The Corps of Engineers is not responsible for any errors or omissions in this map. The Corps of Engineers is not responsible for any damage or injury resulting from the use of this map. The Corps of Engineers is not responsible for any loss of property or other damages resulting from the use of this map. The Corps of Engineers is not responsible for any other consequences resulting from the use of this map.

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

Submitted:	DR,JA
Recommended:	BT,JD
Approved:	AN

**OLD RIVER LOCK VICINITY
 OLD RIVER LOCK TAILBAY
 OR_02_LTB_20150917
 17 September 2015**

**Sheet Reference Number
 2 of 4**