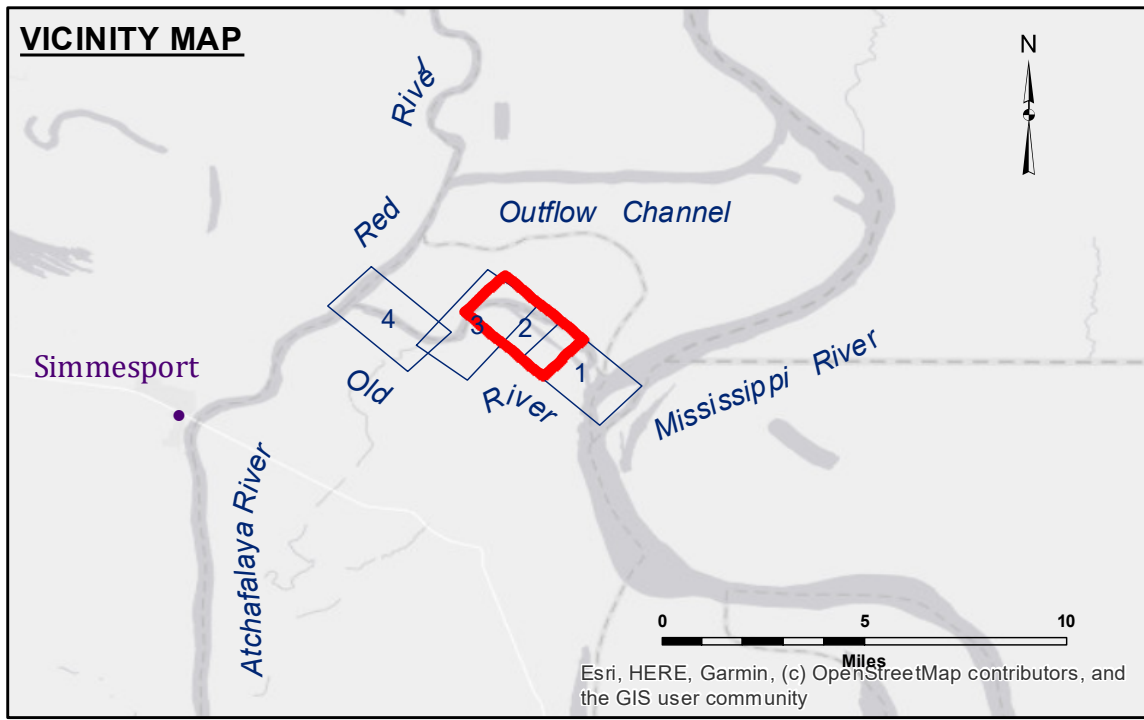
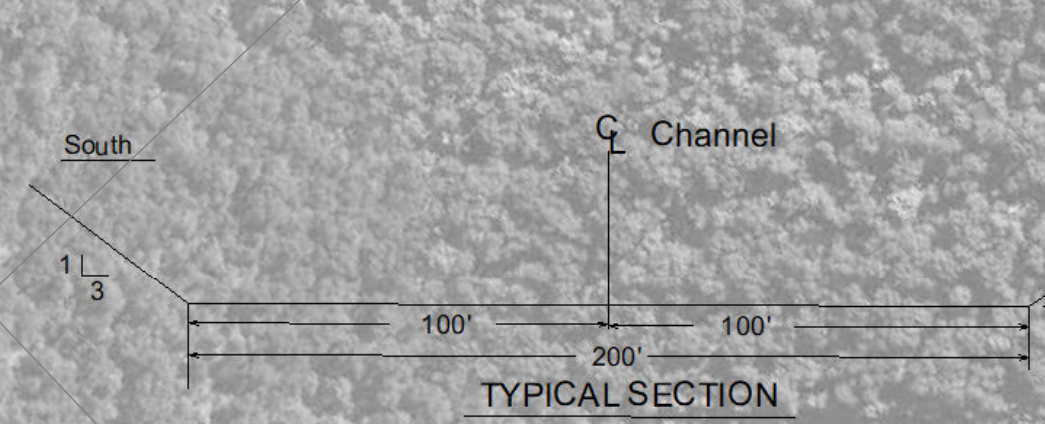
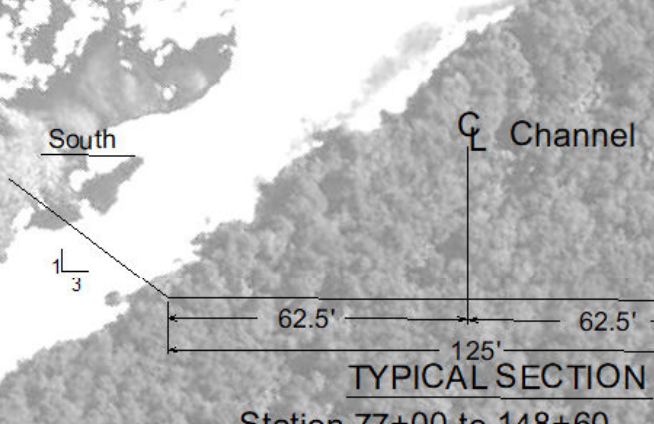
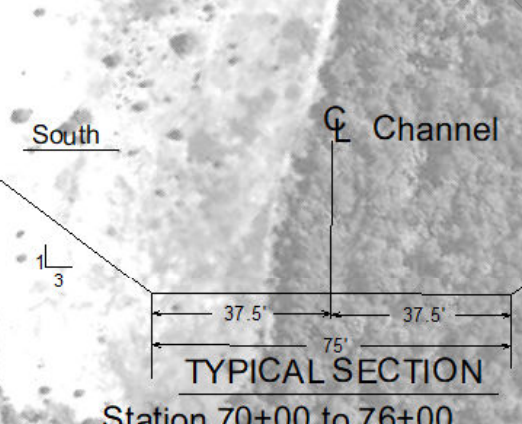


TABLE OF COORDINATES

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
 $\Delta = 57^{\circ} 1' 33.760''$
 $D = 2^{\circ} 53' 13.2''$
 $R = 1984.33$
 $T = 1078.00$
 $L = 1974.99$
 $LC = 1894.48$

APPROX LIMIT OF DREDGING
 STA. 179+50



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	

Gage Reading: ORL TAILBAY: 26.60 NGVD
Sea Conditions: CALM
Vessel Name: OB-189
Survey Type: CONDITION
Sounding Frequency*:** HIGH

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.

Reference: 2015 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.



DISCLAIMER:
 The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information. The user is responsible for the results obtained from the use of this information. The user shall indemnify and hold the United States Government harmless from and against all claims, damages, losses and expenses, including reasonable attorneys' fees, that may be incurred by the United States Government as a result of the use of this information. The information depicted on this map represents the results of a survey conducted on or about the date shown on the map. The information is not intended to represent the general condition existing at that time. The information depicted on this map represents the results of a survey conducted on or about the date shown on the map. The information is not intended to represent the general condition existing at that time.

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

Submitted:	Surveyed By: RYLAND/SOUKI
Recommended: Chief Survey Section	Plotted By: BD
Approved: Chief Waterways Maintenance Section	Checked By: AC

**OLD RIVER LOCK VICINITY
 OLD RIVER LOCK TAILBAY
 OR_02_LTB_20191213_CS
 13 December 2019**

**Sheet Reference Number
 2 of 4**