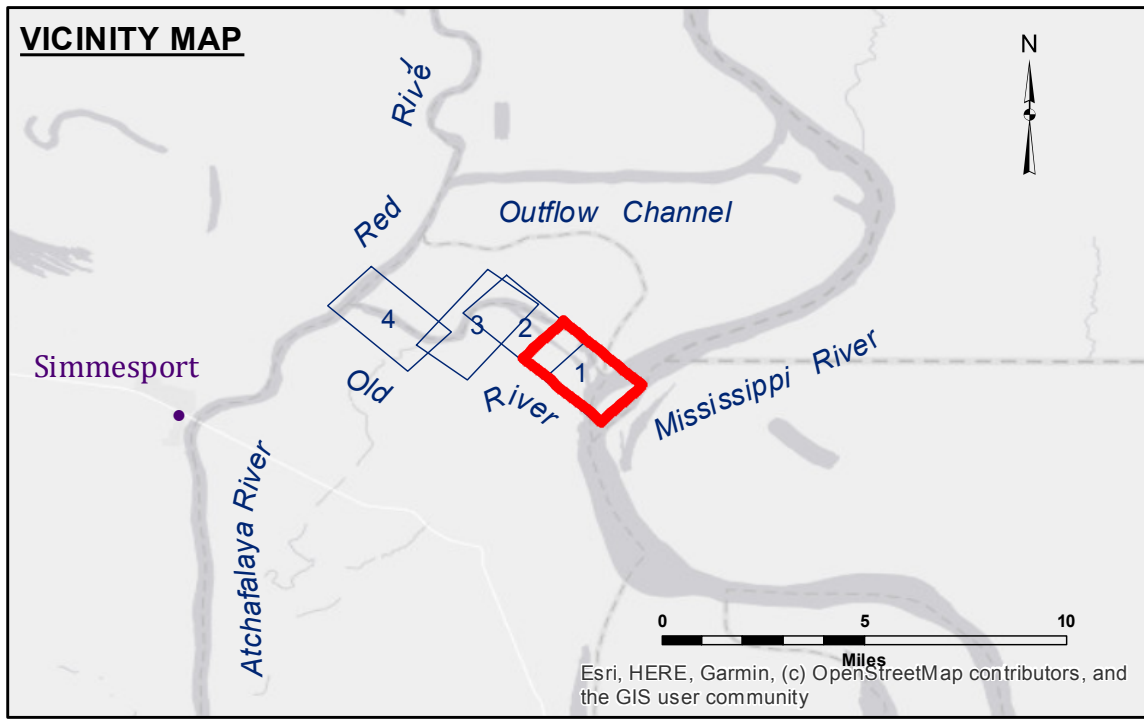
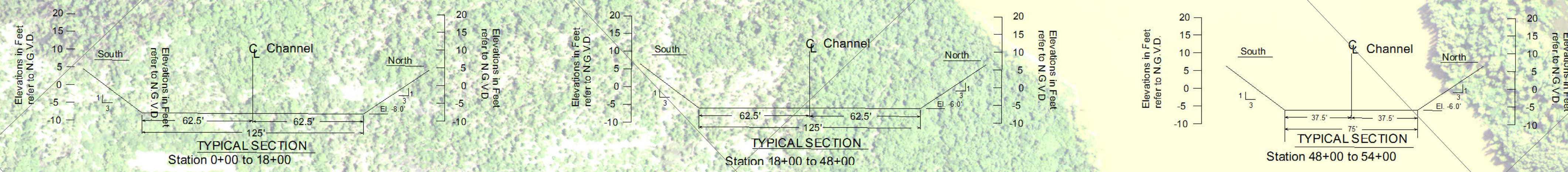


TABLE OF COORDINATES

POINT NO.	X	Y
1	3177319.136	905485.019
2	3177078.443	907480.021
3	3176613.880	908417.707
4	3175807.880	909200.672
5	3175359.699	909636.057

CURVE #1 DATA
 $\Delta = 38^\circ 56' 46.430''$
 $D = 3^\circ 39' 00''$
 $R = 1569.53$
 $T = 555.00$
 $L = 1066.67$
 $LC = 1046.46$



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.

ORL FB: 36.00 NGVD
 CALM
 OB-169
 Vessel Name:
 Survey Type:
 Sounding Frequency***: HIGH

Scale: 0 500 1,000 1,500 Feet



DISCLAIMER: The United States Government furnishes this data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, either 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 under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient may not transfer, disseminate, or otherwise use these data to others without the written consent of the Army Corps of Engineers. The Army Corps of Engineers does not warrant the accuracy of the data for any purpose other than that for which it was collected. The information depicted on this map represents the results of a survey conducted on the ground. The information is not intended to represent the general condition existing at that time. Product maintainers should not rely solely on this information.

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

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

OLD RIVER LOCK VICINITY
OLD RIVER LOCK FOREBAY
OR_01_LFB_20210804_CS
04 August 2021

Sheet Reference Number
1 of 4