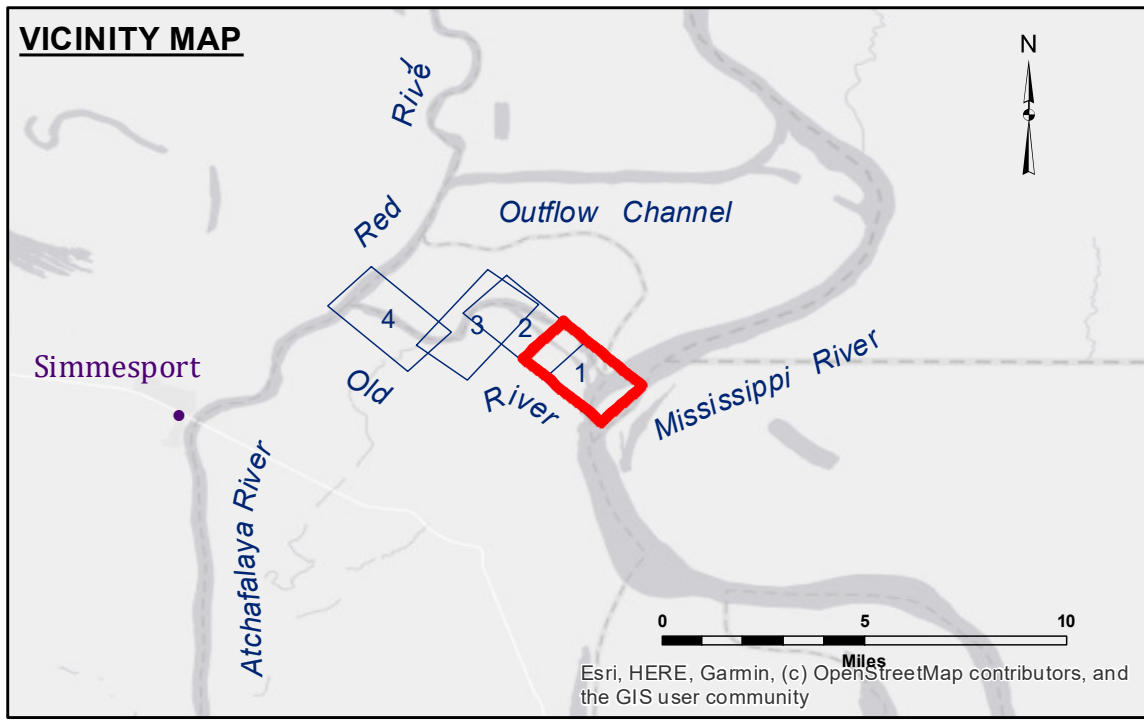
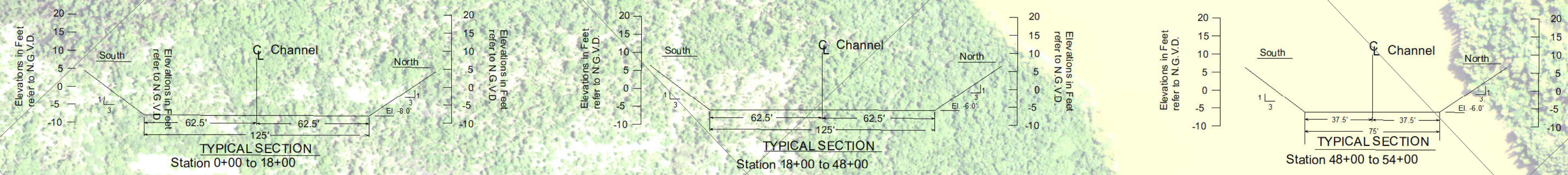
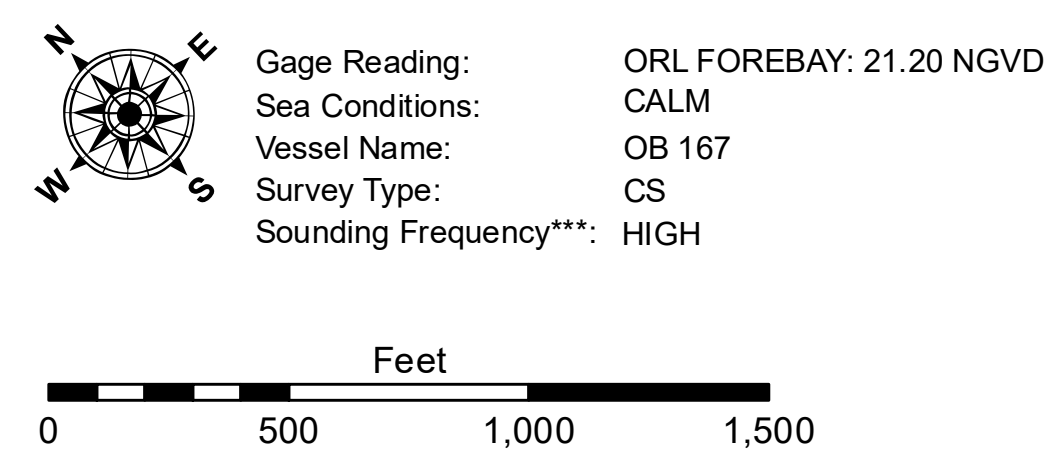


CURVE #1 DATA
 $\Delta = 38^{\circ}56'46.430''$
 $D = 3^{\circ}39'00''$
 $R = 1569.53$
 $T = 555.00$
 $L = 1066.67$
 $LC = 1046.46$



LEGEND	
--- Federal Navigation Channel	● Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	⚓ Wrecks-Submerged
□ Borrow Area	★ Beacon, General
● Shoalest Sounding**	◆ Red Navigation Buoy
★ Beacon, General	◆ Green Navigation Buoy
◆ Red Navigation Buoy	■ -8' and above
◆ Green Navigation Buoy	■ -8' to -10'
	■ -10' to -12'
	■ -12' and below



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.



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 data. The recipient shall be responsible for determining the purpose for which the data is used and for ensuring that the data is used only for that purpose. The recipient may not transfer these data to others without the written consent of the U.S. Army Corps of Engineers. The recipient may not make any changes to the data without the written consent of the U.S. Army Corps of Engineers. The information depicted on this map represents the results of a survey conducted on or about the date of the survey. The information is considered to represent the general condition existing at that time.

Submitted:	Surveyed By: RYLAND/MOLLERE
Recommended:	Plotted By: BD
Checked:	Checked By: AD/JH
Approved:	Checked: Waterways Maintenance Section

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT
OLD RIVER LOCK VICINITY
OLD RIVER LOCK FOREBAY
OR_01_LFB_20230710_CS
 10 July 2023

Sheet Reference Number
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