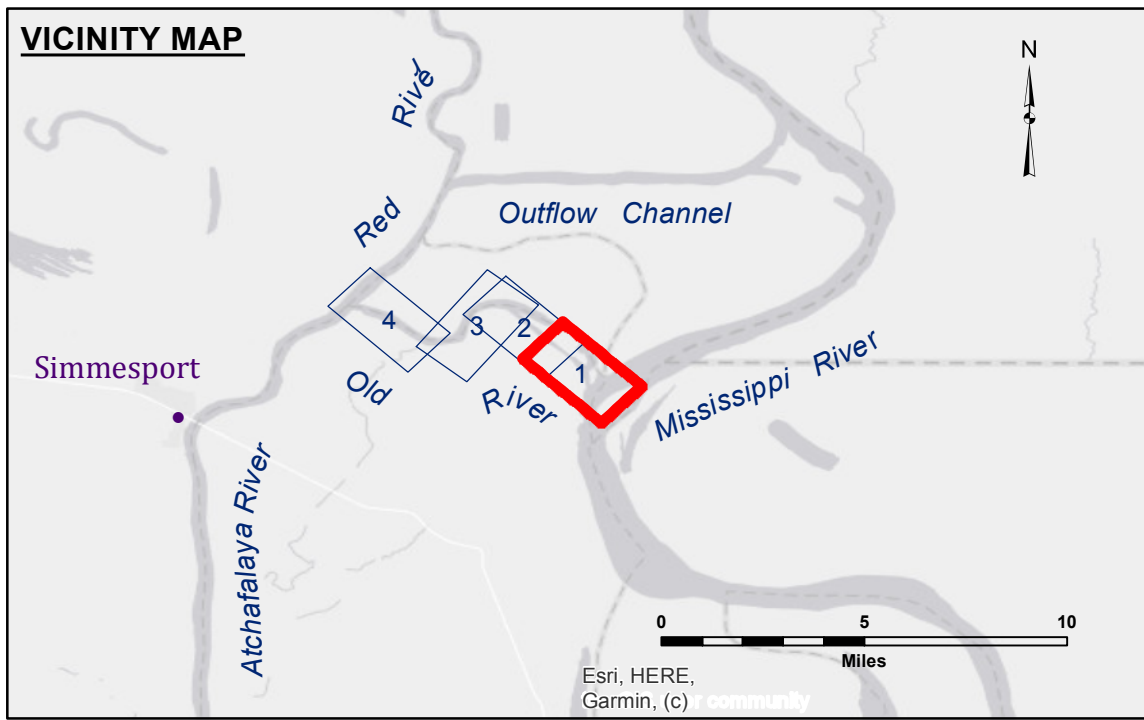
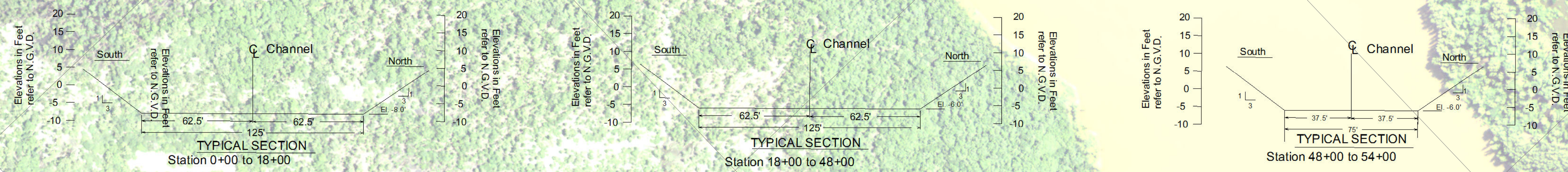
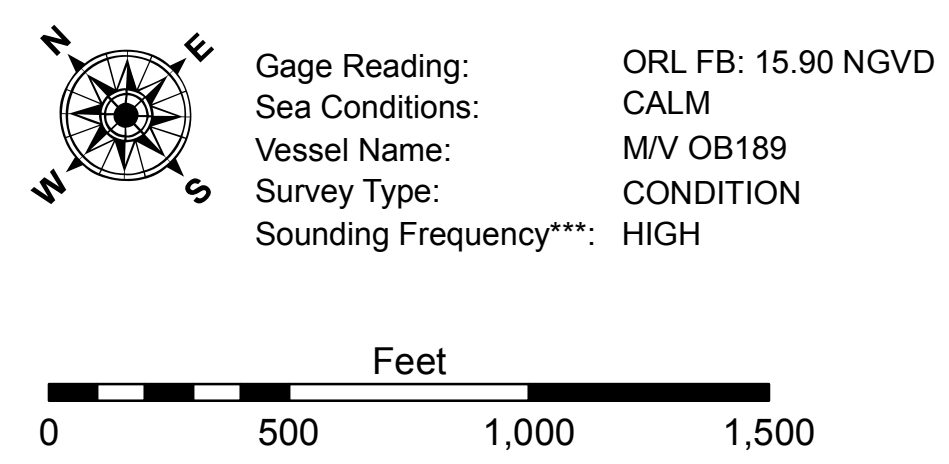


CURVE #1 DATA
 $\Delta = 38^{\circ}56'46.430''$
 $D = 3^{\circ}39'00''$
 $R = 1569.53$
 $T = 555.00$
 $L = 1066.87$
 $LC = 1046.46$



--- 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.



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 agrees to indemnify and hold the Government harmless from and against all claims, damages, costs and expenses, including reasonable attorneys' fees, that may be asserted against or incurred by the Government or its employees, agents, contractors, or subcontractors in connection with or arising out of the use of these data. The recipient may not transfer these data to others without also transferring this disclaimer. The information depicted on this map represents the results of a survey conducted on or about the date shown. It is considered the general condition existing at that time. Internal use. Product warnings should not rely upon it.

Submitted:	Surveyed By: RYLAND/SIMMONS
Recommended: Chief, Survey Section	Plotted By: JH
Approved: Chief, Waterways Maintenance Section	Checked By: JH

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT
OLD RIVER LOCK VICINITY
OLD RIVER LOCK FOREBAY
OR_01_LFB_20221004_CS
04 October 2022

Sheet Reference Number
1 of 4