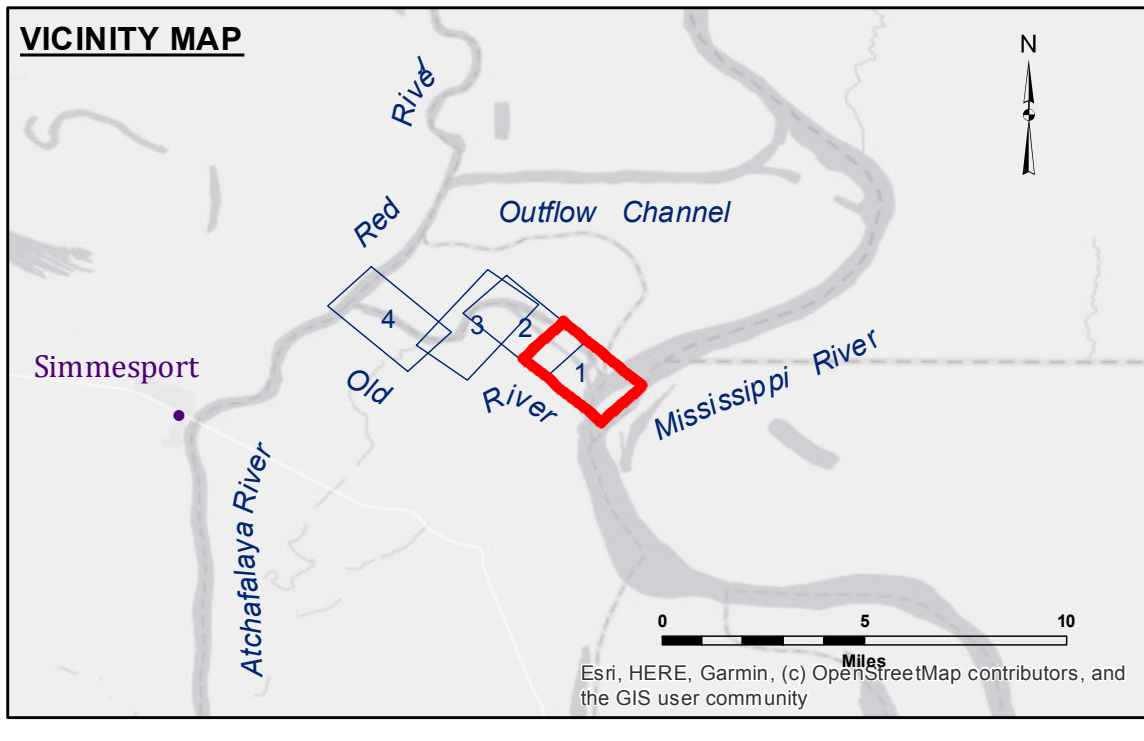
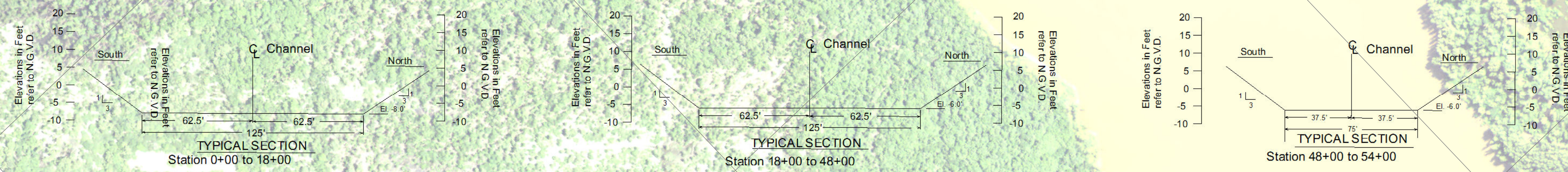


TABLE OF COORDINATES

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: 26.90 NGVD
 CALM
 OB-189
 Vessel Name:
 Survey Type:
 Sounding Frequency***: HIGH

Scale: 0 500 1,000 1,500 Feet



DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were prepared. The user is responsible for the results of any use of the data. The Corps of Engineers is not responsible for the results of any use of the data for other than its intended purpose. Data contained in this report are subject to change without notice. The Corps of Engineers is not responsible for the results of any use of the data for other than its intended purpose. The information depicted on this map represents the results of a survey conducted on the date of the survey. The Corps of Engineers is not responsible for the results of any use of the data for other than its intended purpose. The information depicted on this map represents the results of a survey conducted on the date of the survey. The Corps of Engineers is not responsible for the results of any use of the data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

Submitted:	Surveyed By: RYLAND/HOSHMAN
Recommended:	Planned By: BD
Approved:	Checked By: AC

OLD RIVER LOCK VICINITY
OLD RIVER LOCK FOREBAY
OR_01_LFB_20201119_CS
 19 November 2020

Sheet Reference Number
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