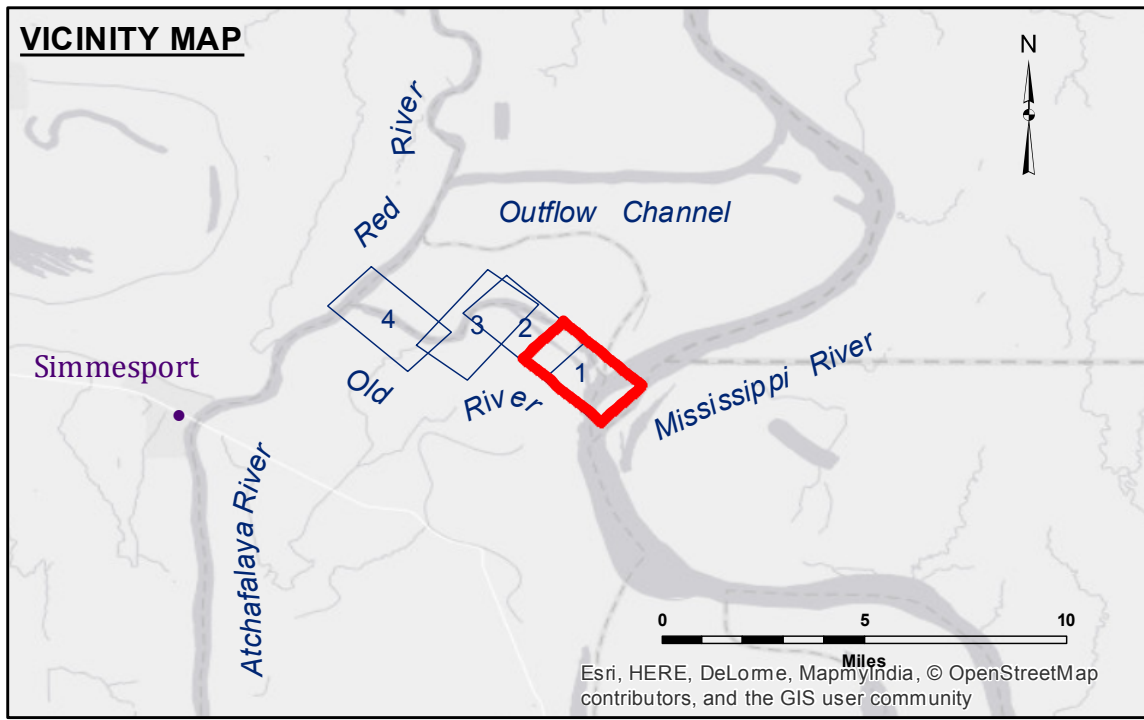
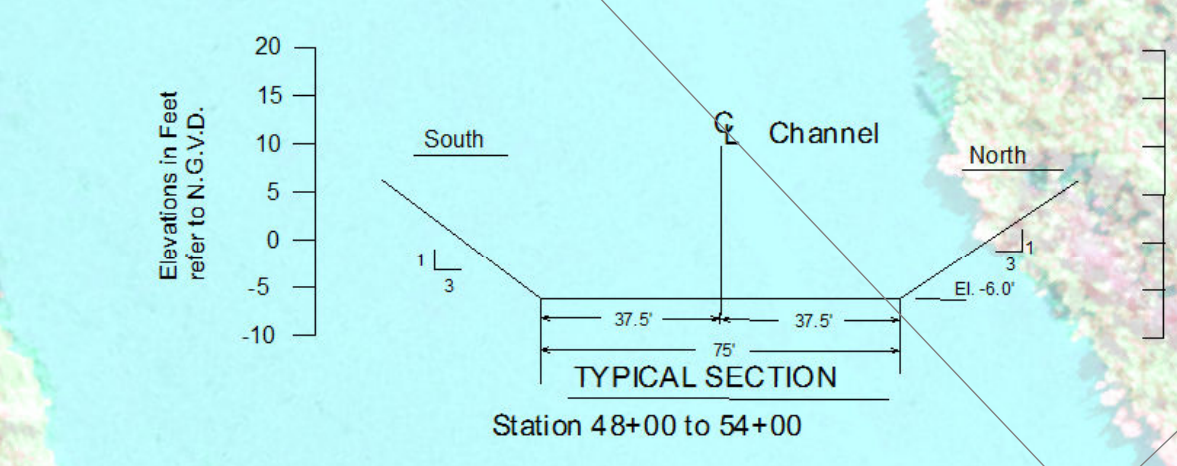
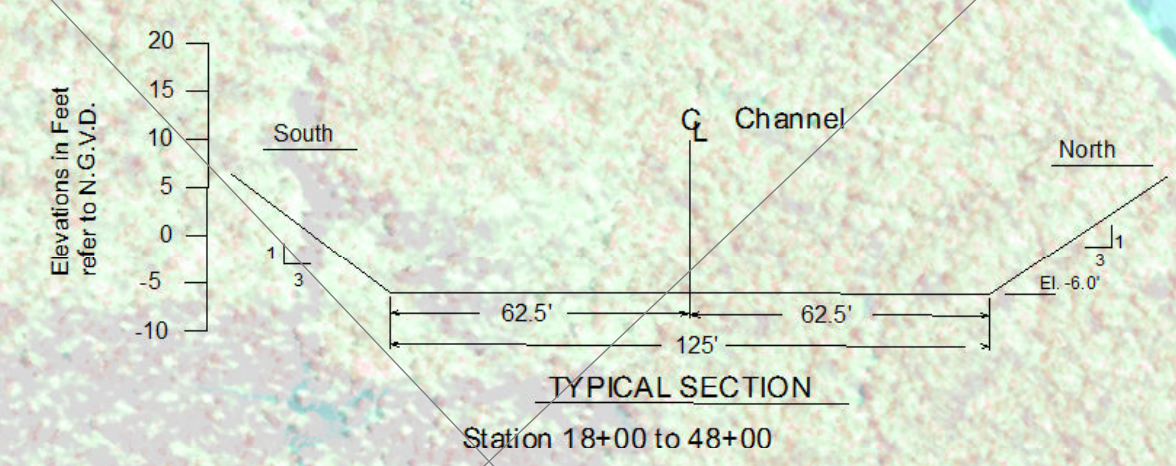
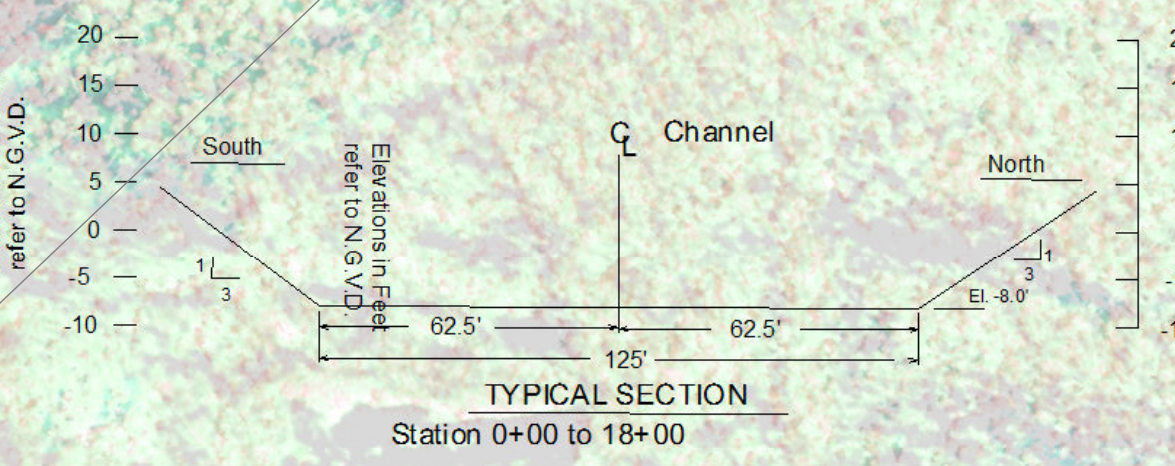


TABLE OF COORDINATES

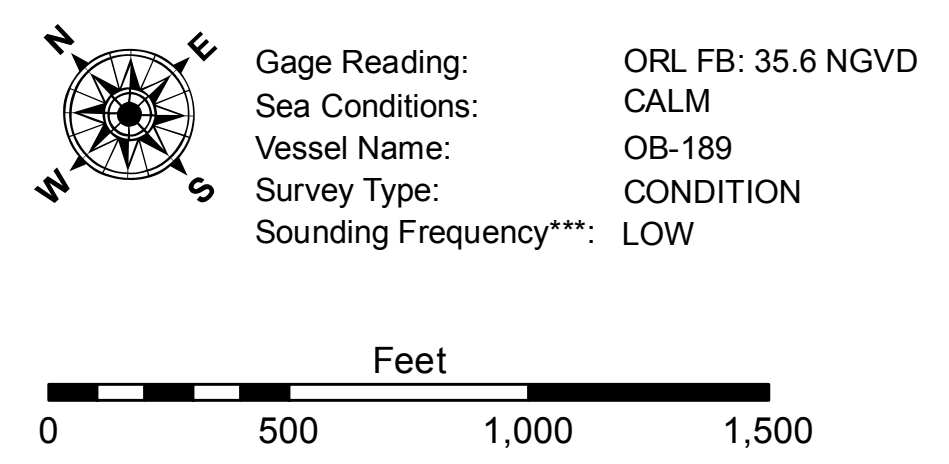
POINT NO.	X	Y
1	3177319.136	905485.019
2	3177078.443	907480.021
3	3176613.880	908417.707
4	3175807.880	909200.672
5	3175359.699	909636.057

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



**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.



**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 originally prepared. The user is responsible for the results of any use of the data for other than its intended purpose. The application of the data for other than its intended purpose may result in injury or damage to persons or property. The user shall indemnify and hold the United States Government harmless from and against all claims, damages, losses, and expenses, including reasonable attorneys' fees, which may be asserted against or incurred by the United States Government or its employees, agents, or contractors, in connection with or arising out of the use of the data for other than its intended purpose. The information depicted on this map represents the results of a survey conducted on or about the date of the survey. The user is responsible for the accuracy of the data. The user shall indemnify and hold the United States Government harmless from and against all claims, damages, losses, and expenses, including reasonable attorneys' fees, which may be asserted against or incurred by the United States Government or its employees, agents, or contractors, in connection with or arising out of the use of the data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT

Submitted:	Surveyed By: SPDS
Recommended: Chief, Survey Section	Plotted By: AO
Approved: Chief, Waterways Maintenance Section	Checked By: AO

**OLD RIVER LOCK VICINITY**  
**OLD RIVER LOCK FOREBAY**  
**OR\_01\_LFB\_20170719\_CS**  
**19 July 2017**

**Sheet Reference Number**  
**1 of 4**