

TABLE OF COORDINATES

POINT NO.	X	Y
1	3160729.903	911755.022
2	3160120.449	911697.669
3	315940.1048	911823.878
4	3158068.092	912453.314
5	3157265.795	912997.188
6	3155331.319	914800.430
7	3154295.135	915466.061
8	3152502.488	916195.316
9	3151447.847	916490.361
10	3151271.506	916518.500

RED RIVER

RED RIVER

TCHAFALAYA RIVER

WATERS EDGE VARIES

LOWER OLD RIVER

DISPOSAL AREA

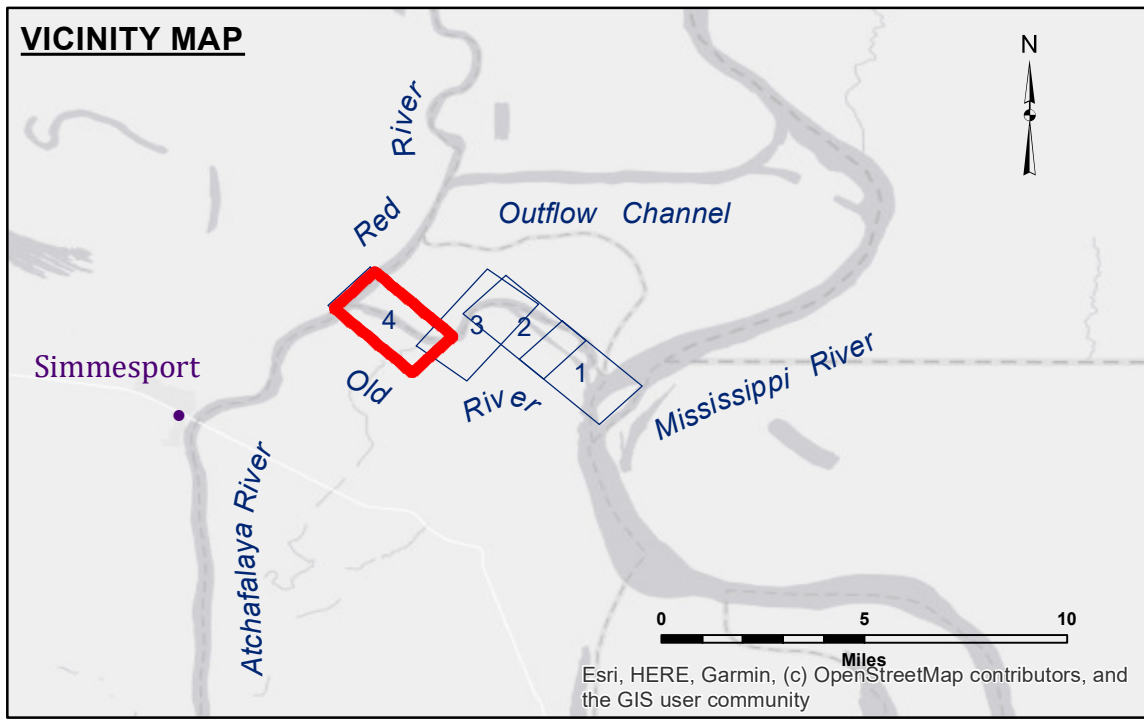
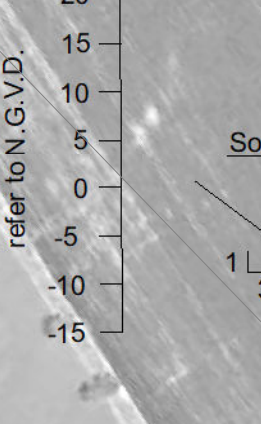
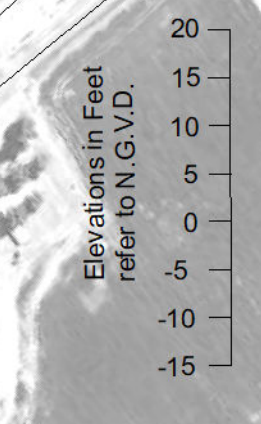
Beyond the 15.0 ft. N.G.V.D. contour

CURVE #6 DATA  
 $\Delta = 137.734727^{\circ}$   
 $D = 11' 11.4566'$   
 $R = 4780.697$   
 $T = 545.11$   
 $L = 1007.533$   
 $LC = 1095.134$

CURVE #5 DATA  
 $\Delta = 20.14747529^{\circ}$   
 $D = 1' 40' 28.4"$   
 $R = 3423.39$   
 $T = 628.202$   
 $L = 1242.561$   
 $LC = 1235.771$

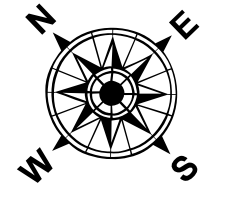
CURVE #4 DATA  
 $\Delta = 17.4242961^{\circ}$   
 $D = 1' 49' 12"$   
 $R = 3147.98$   
 $T = 490.481$   
 $L = 973.138$   
 $LC = 969.267$

CURVE #3 DATA  
 $\Delta = 30.9941543^{\circ}$   
 $D = 4' 8' 49.2"$   
 $R = 1361.63$   
 $T = 37.86$   
 $L = 738.171$   
 $LC = 730.388$

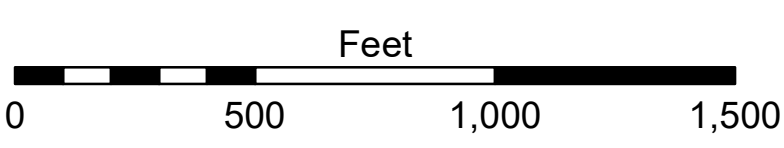


**LEGEND**

--- 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	



Gage Reading: ORL TB: 30.8 NGVD  
 Sea Conditions: CALM  
 Vessel Name: OB169  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: HIGH



**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 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.  
 2015 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**  
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U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT

Submitted:	Surveyed By: SP-JS
Recommended: Chief, Survey Section	Plotted By: AO
Approved: Chief, Waterways Maintenance Section	Checked By: AC

**OLD RIVER LOCK VICINITY**  
**THREE RIVERS 2**  
**OR\_04\_3R2\_20240608\_CS**  
**08 June 2024**

**Sheet Reference Number**  
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