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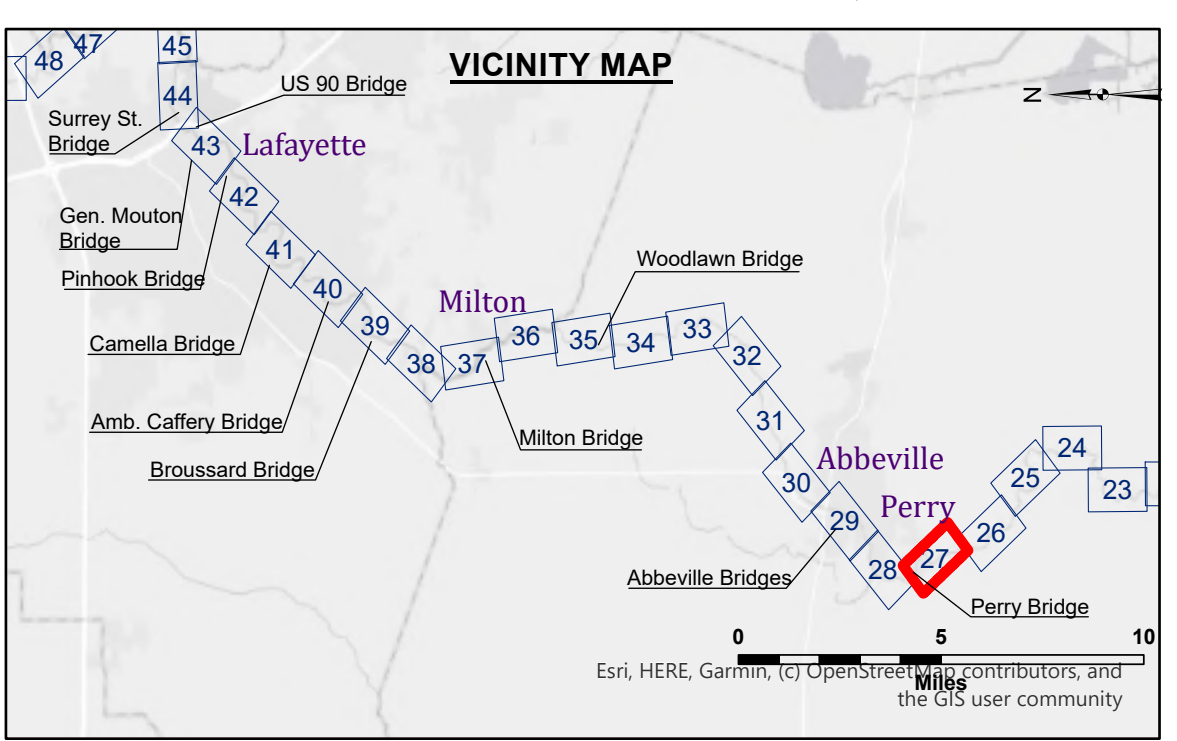
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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: PM,LT	Plotted By: JH
Recommended: Chief, Survey Section	Checked By: JH	Approved: Chief, Waterways Maintenance Section

**VERMILION RIVER  
PERRY  
VM\_27\_PRY\_20250306\_CS\_1X1  
06 March 2025**

**Sheet  
Reference  
Number  
27 of 49**

Revision Number:  
5.24.09.05-5.24.09.03



**LEGEND**

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -9' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	□ -9' and below
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	
— 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 Mean Low Gulf Datum (MLG).  
Datum Relationships for gage 07366980 as of August 2014:  
0.0' NAVD83 (OPUS 2014) = 1.95' MLG

Distances on the Vermilion River are shown at 1 mile intervals.

The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE survey crews.

2021 Aerial Photography data source: NAIP

Reference is N.O.A. Navigation Chart No. 11350.

\*\* 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.

Gage Reading: PERRY VRN: 0.92 MLG  
Sea Conditions: CALM  
Vessel Name: OB169  
Survey Type: MB\_LIDAR  
Sounding Frequency\*\*\*: 400KHZ