

X 3068777.000
 Y 621529.000
 Lat 30°12'26.548"
 Lon 92°00'16.811"



Access/Use: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that they are for informational purposes only. It is not to be used for any purpose other than that for which it was prepared, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the recipient. The user is responsible for the results obtained from the use of these data for other than its intended purpose.

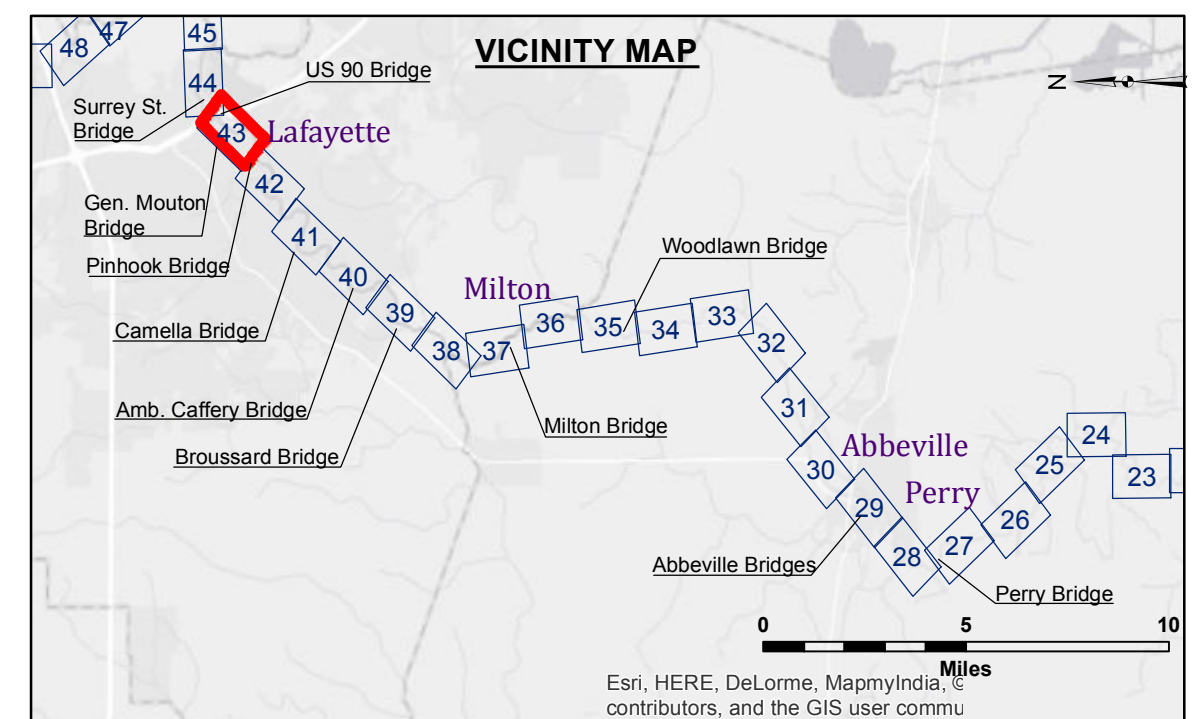
Data Constraints: Hydrographic survey data is subject to change due to several factors including but not limited to changing bathymetry, sedimentation, and changes in the physical characteristics of the river. The Army Corps of Engineers accepts no responsibility for changes in the hydrographic conditions which develop after the date of the survey. Product maintainers should not rely solely upon it.

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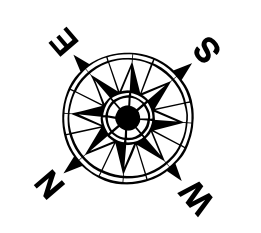
U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: DR, SP	Plotted By: ATO
Recommended:	Chart, Survey Section	Checked By: TAF
Approved:	Chart, Waterways Maintenance Section	

**VERMILION RIVER
LAFAYETTE**
 VM_43_LAF_20150421
 21 April 2015

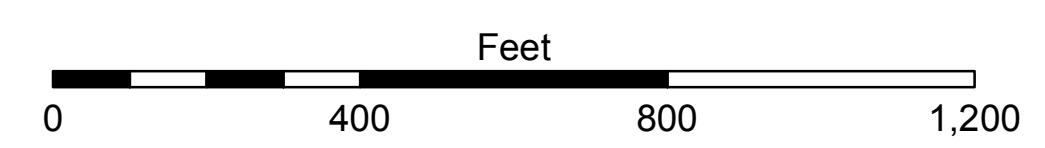


LEGEND

--- 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	



Gage Reading: SUR:8.0 733:4.8 USED:7.6 MLG
 Sea Conditions: CALM
 Vessel Name: M/V OB 189
 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 Mean Low Gulf Datum (MLG).
 Datum Relationships for gage 07386880 as of August 2014:
 0.0' NAVD83 (OPUS 2014) = 1.93' 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.
 2010 Aerial Photography data source: NAIP. Transparent green imagery from 1998 DOQQ.
 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.

Sheet Reference Number
 43 of 49
 Revision Number:
 3.6.1-20140429