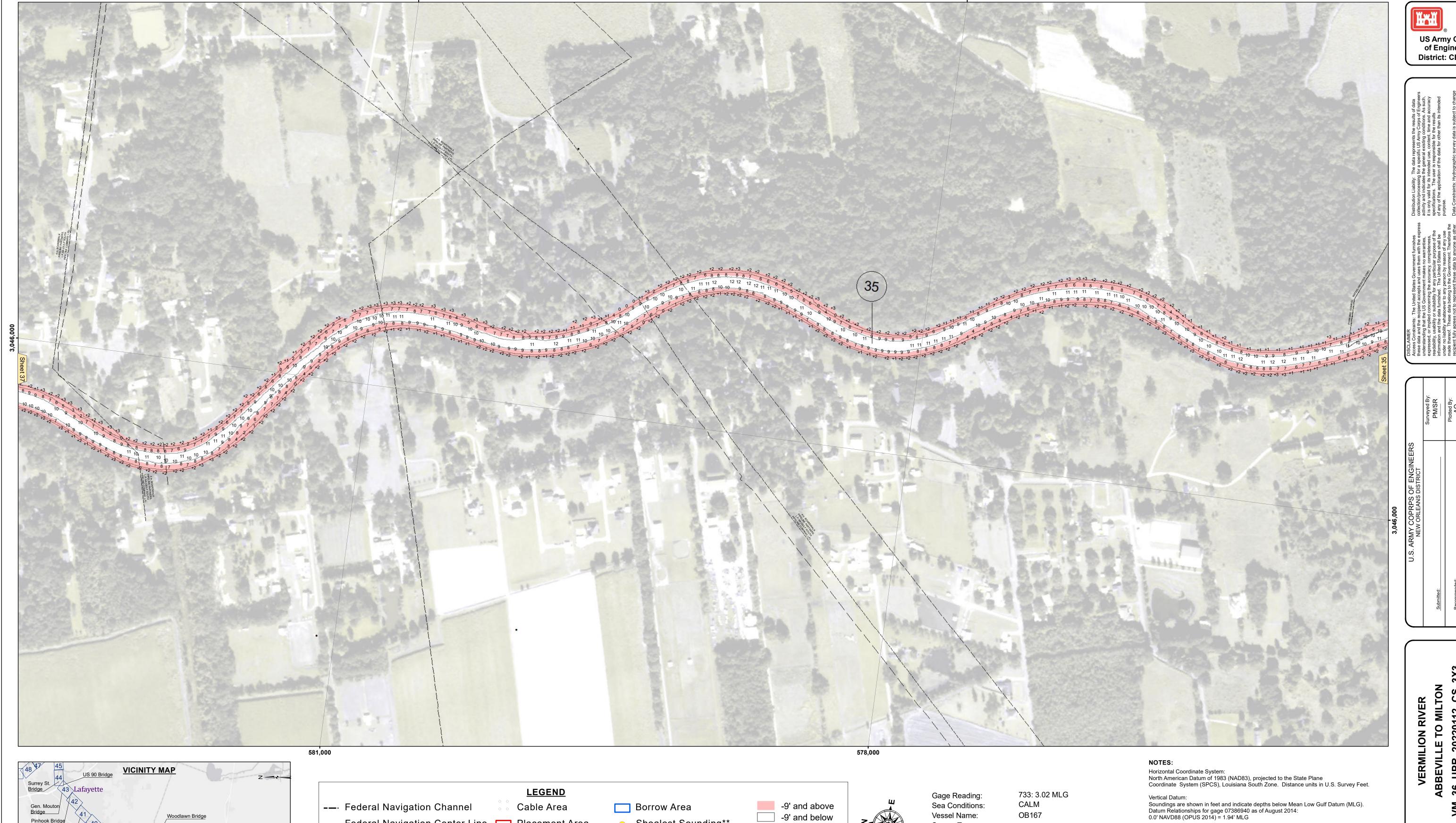
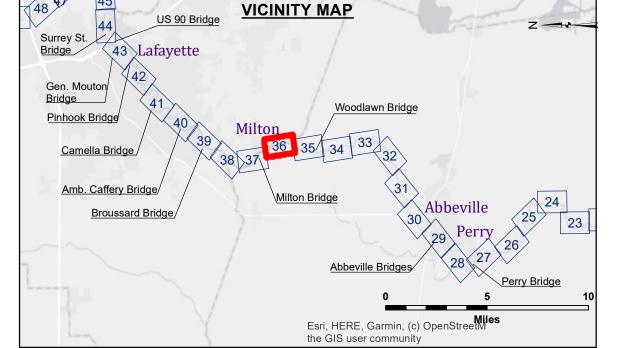
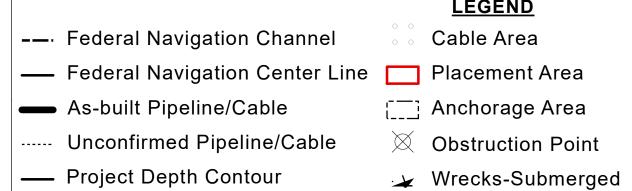
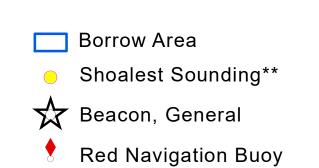
U.S. ARMY CORPS OF ENGINEERS US Army Corps of Engineers **District: CEMVN**

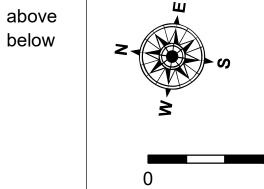








Green Navigation Buoy



OB167 Vessel Name: Survey Type: Sounding Frequency***: 400KHZ

1,200

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

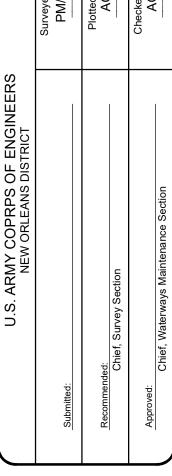
The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE survey crews.

2017 Aerial Photography data source: NAIP. Transparent green imagery from 1998 DOQQ.

Reference is N.O.A.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 consoldiated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer



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