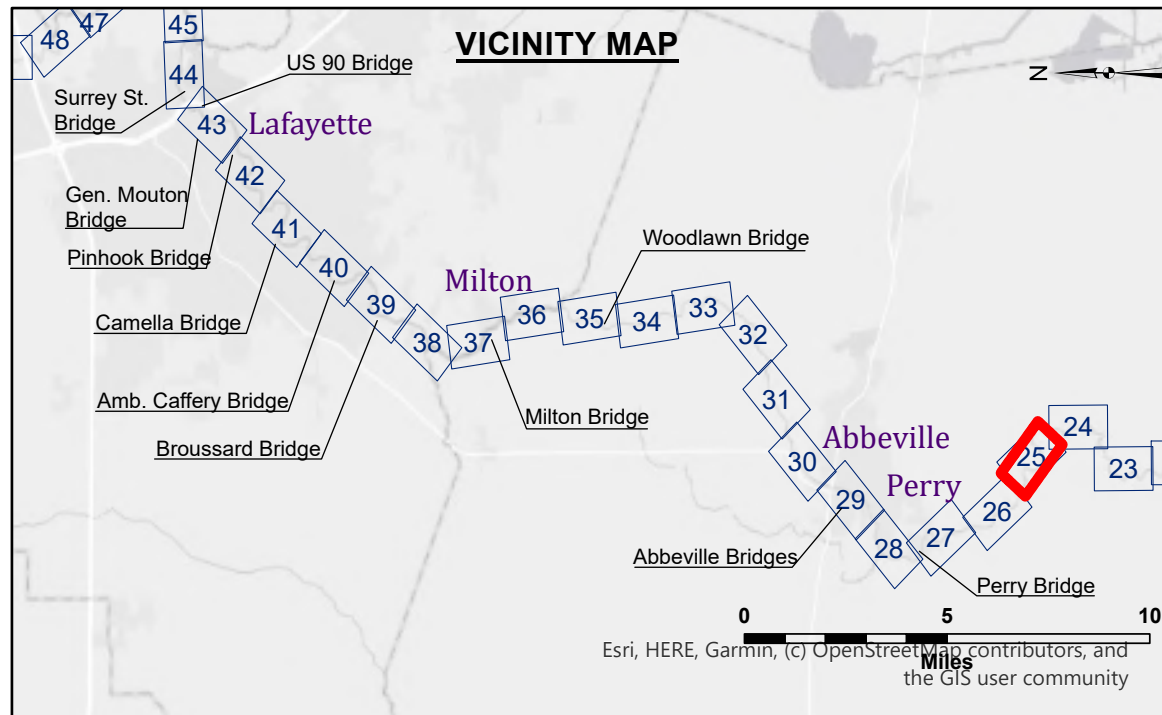
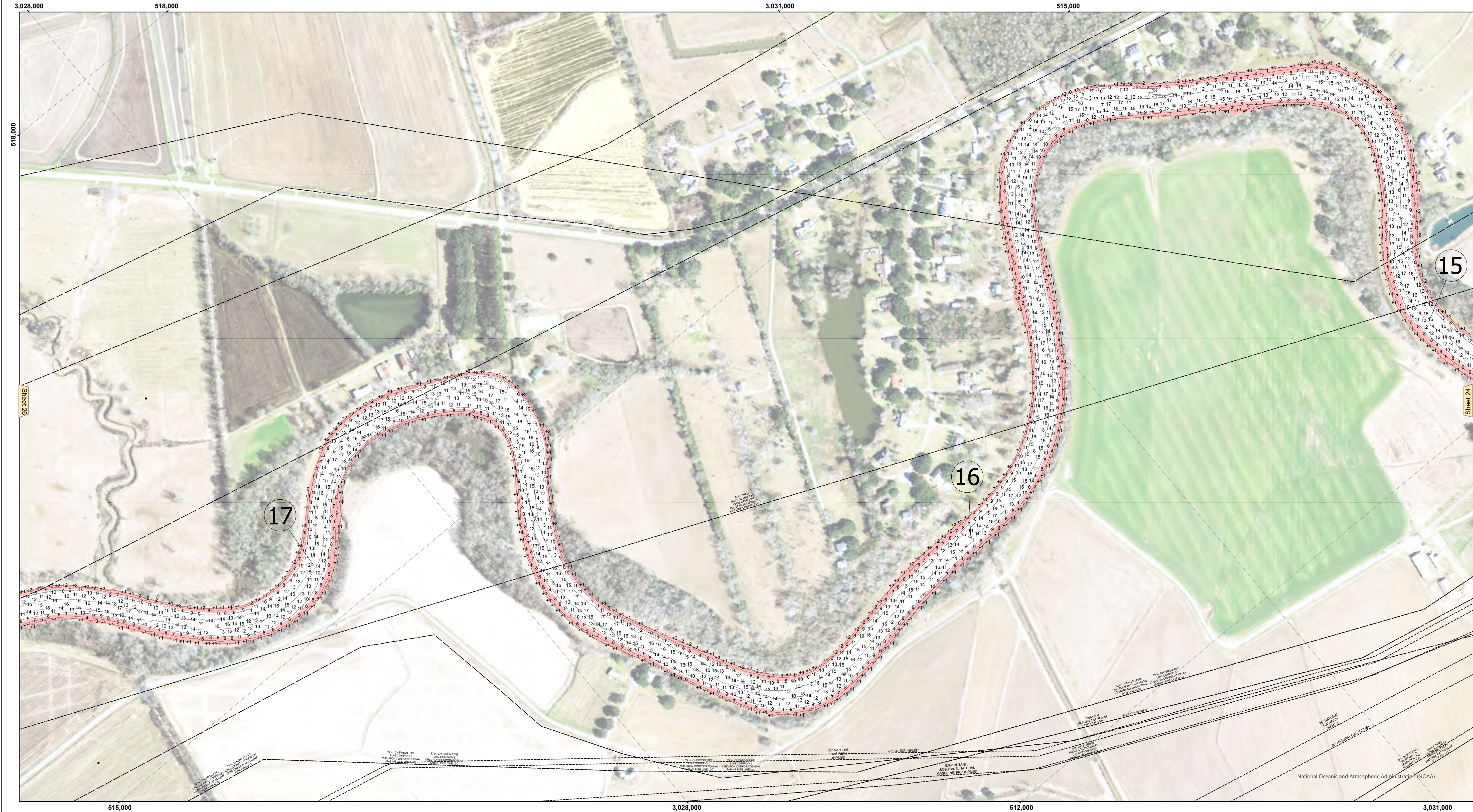




**LEGEND**

--- Federal Navigation Channel

— Federal Navigation Center Line

— As-built Pipeline/Cable

..... Unconfirmed Pipeline/Cable

— Project Depth Contour

○ Cable Area

□ Placement Area

□ Anchorage Area

⊗ Obstruction Point

✶ Wrecks-Submerged

□ Borrow Area

● Shoalest Sounding\*\*

☆ Beacon, General

◆ Red Navigation Buoy

◆ Green Navigation Buoy

■ -9' and above

□ -9' and below

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

Feet

0 400 800 1,200

**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 07366960 as of August 2014:  
0.0' NAVD83 (OPUS 2014) = 1.96' 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.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.

| U.S. ARMY CORPS OF ENGINEERS<br>NEW ORLEANS DISTRICT |                       |                   |                   |
|------------------------------------------------------|-----------------------|-------------------|-------------------|
| Submitted:                                           | Surveyed By:<br>PM,LT | Plotted By:<br>JH | Checked By:<br>JH |
| Recommended:<br>Chief Survey Section                 |                       |                   |                   |
| Approval:<br>Chief Waterways Maintenance Section     |                       |                   |                   |

VERMILION RIVER

GIWW TO PERRY

VM\_25\_UPR\_20250306\_CS\_1X1

06 March 2025

Sheet  
Reference  
Number

25 of 49