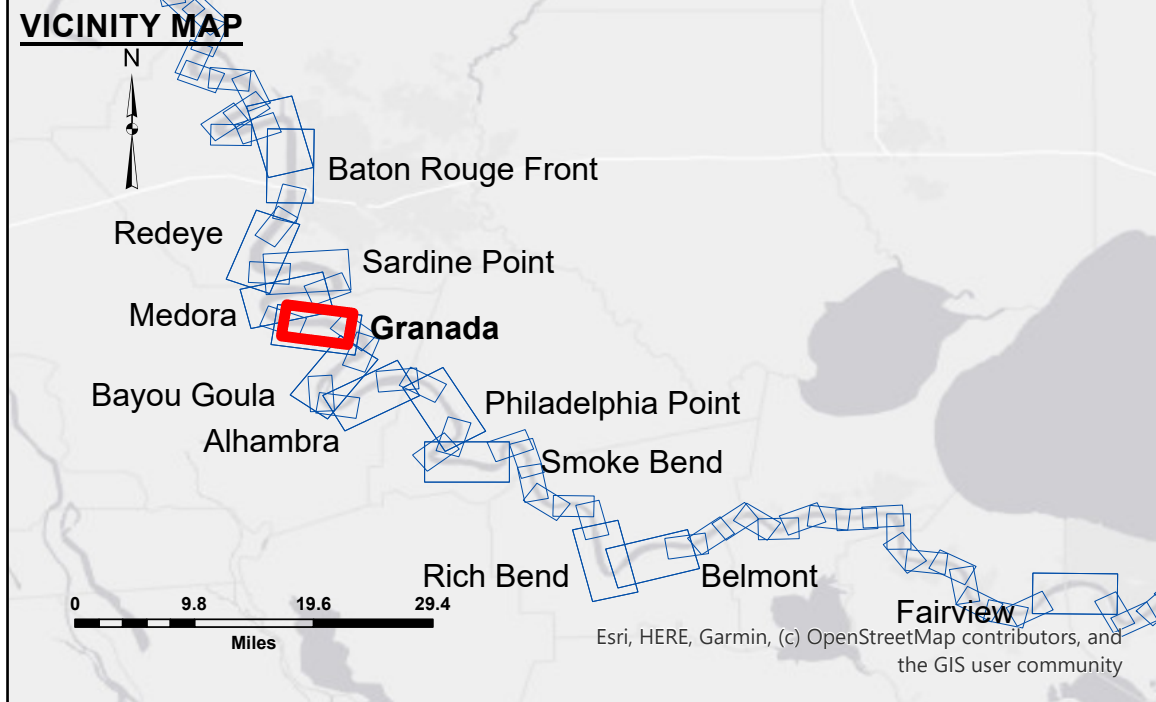
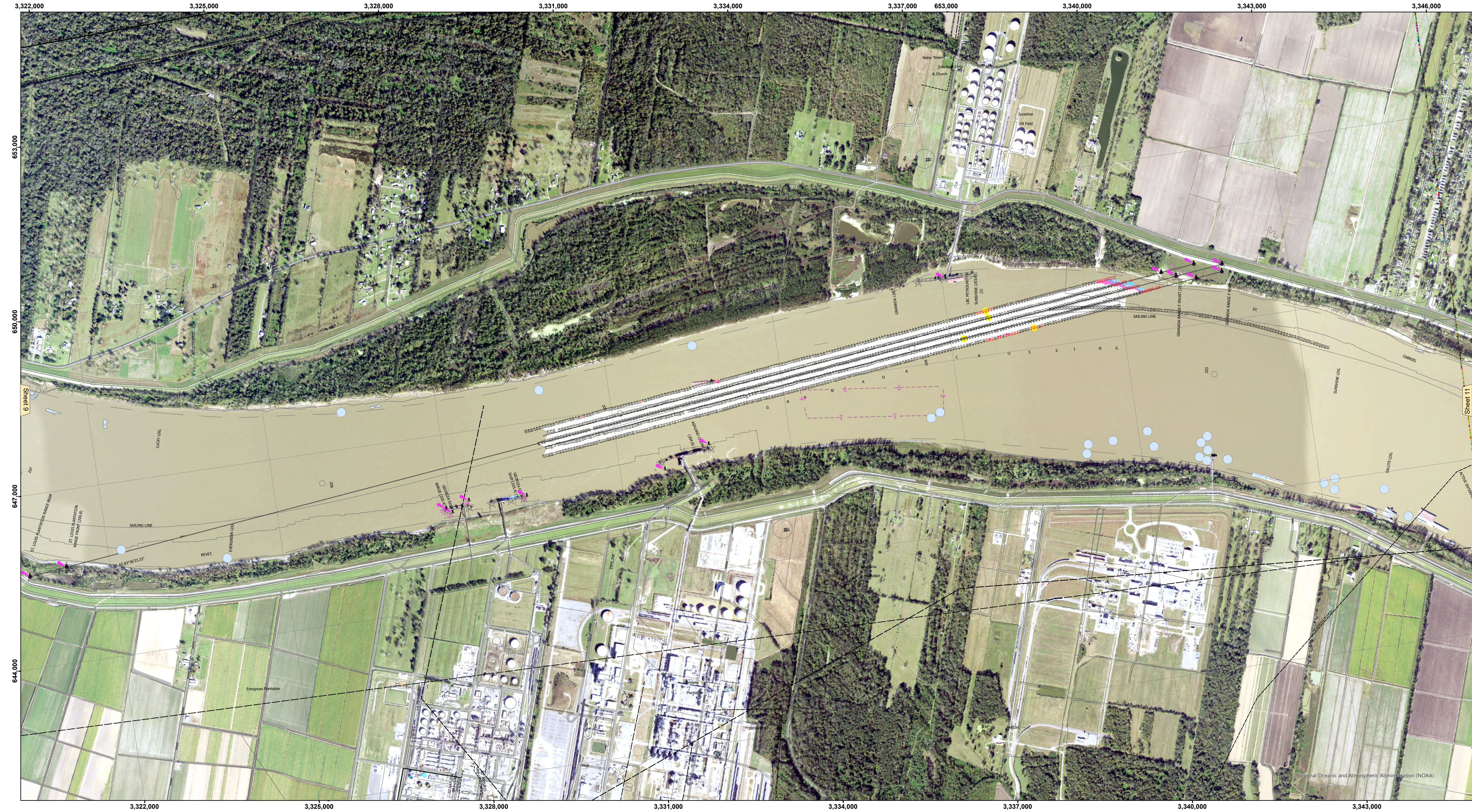
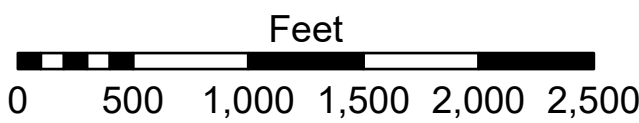
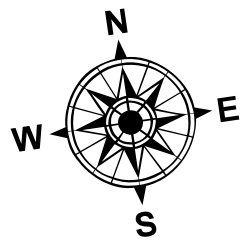




| LEGEND                           |                     |                         |                |
|----------------------------------|---------------------|-------------------------|----------------|
| --- Federal Navigation Channel   | ○ Cable Area        | □ Borrow Area           | 0' and above   |
| — Federal Navigation Center Line | ▭ Placement Area    | ● Shoalest Sounding**   | 0' to -5'      |
| — As-built Pipeline/Cable        | □ Anchorage Area    | ★ Beacon, General       | -5' to -10'    |
| ..... Unconfirmed Pipeline/Cable | ⊗ Obstruction Point | ★ Red Navigation Buoy   | -10' to -20'   |
| — Project Depth Contour          | ✈ Wrecks-Submerged  | ◆ Green Navigation Buoy | -20' to -30'   |
|                                  |                     |                         | -30' to -35'   |
|                                  |                     |                         | -35' to -40'   |
|                                  |                     |                         | -40' to -45'   |
|                                  |                     |                         | -45' and below |



LWRP: 1.9  
Gage Reading: BR:20.6 D:12.9 USED:17.2 NAVD  
Sea Conditions: CALM  
Vessel Name: LAFOURCHE  
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 Low Water Reference Plane 2007 (NAVD).

Distances on the Mississippi River, above and below Head of Passes are shown  
at 1 mile intervals.

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

2021 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office.

Reference is N.O.A. Navigation Chart No. 11370.

\*\* 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>KC/MF | Plotted By:<br>BD | Checked By:<br>AO/JH |
| Recommended:<br>Chief, Survey Section                |                       |                   |                      |
| Approved:<br>Chief, Waterways Maintenance Section    |                       |                   |                      |

MISSISSIPPI RIVER - B.R. TO GULF  
GRANADA CROSSING  
MD\_10\_GRA\_20260723\_CS  
23 July 2026

Sheet  
Reference  
Number  
10 of 97

Revision Number:  
5.26.05.21-5.26.05.21

**US Army Corps  
of Engineers  
District: CEMVN**

**DISCLAIMER:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally collected. The user is responsible for the results of any use of the data for any purpose other than that for which they were originally collected. The user is responsible for the results of any use of the data for any purpose other than that for which they were originally collected. The user is responsible for the results of any use of the data for any purpose other than that for which they were originally collected.

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**Data:** Constantine Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging, sedimentation, and other factors. The user is responsible for the results of any use of the data for any purpose other than that for which they were originally collected. The user is responsible for the results of any use of the data for any purpose other than that for which they were originally collected. The user is responsible for the results of any use of the data for any purpose other than that for which they were originally collected.

**Information:** The information depicted on this map represents the results of a survey conducted by the US Army Corps of Engineers. The information is not to be used for any purpose other than that for which it was originally collected. The user is responsible for the results of any use of the data for any purpose other than that for which they were originally collected. The user is responsible for the results of any use of the data for any purpose other than that for which they were originally collected. The user is responsible for the results of any use of the data for any purpose other than that for which they were originally collected.