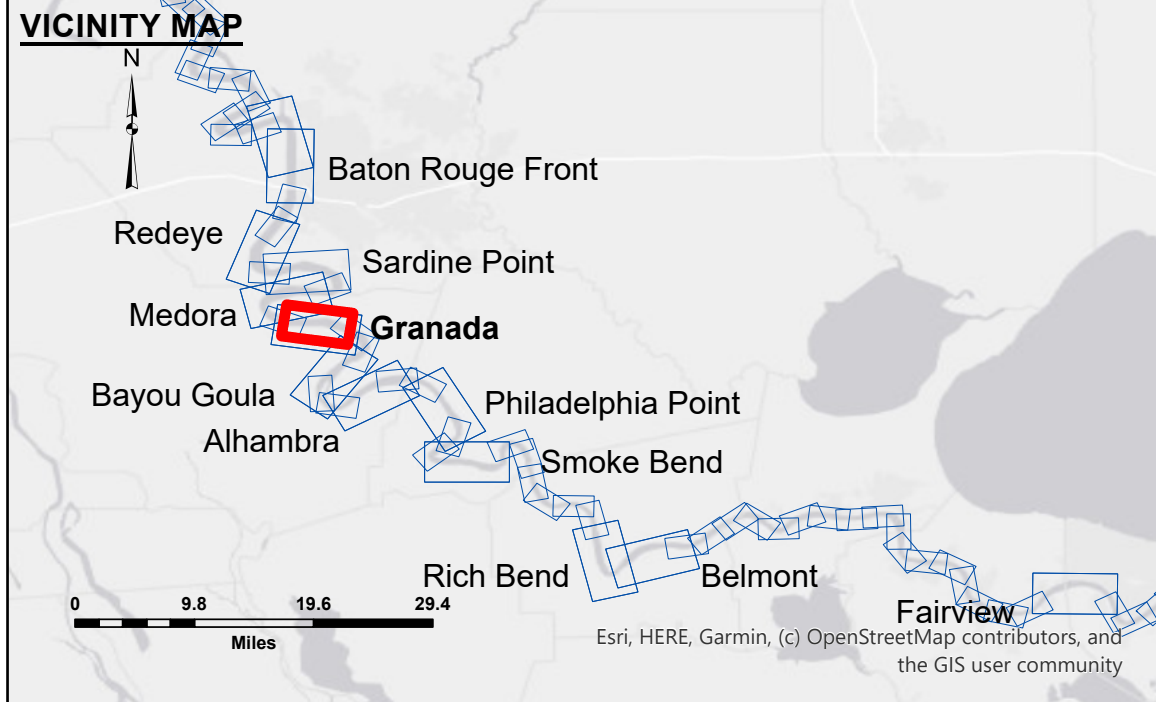
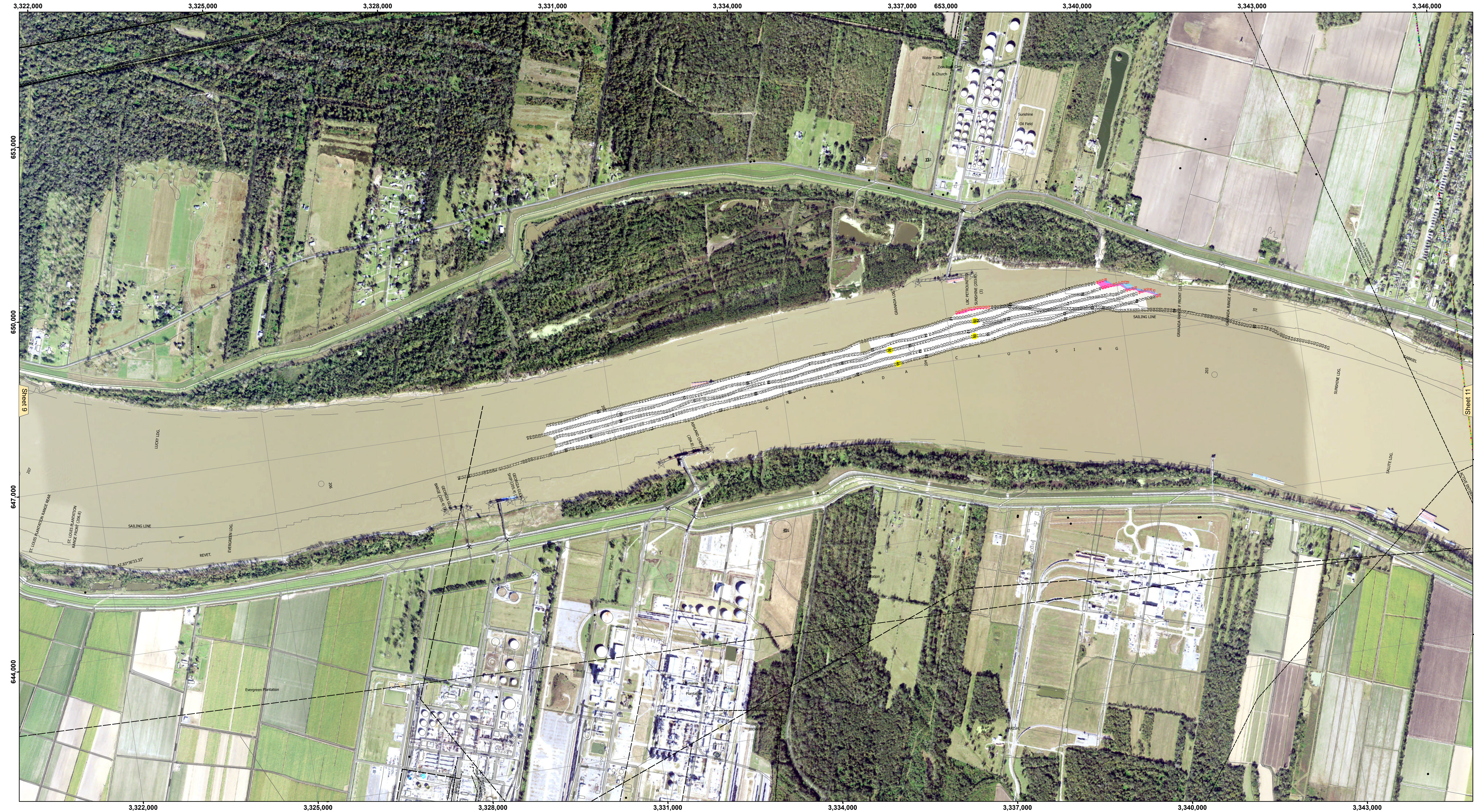




LEGEND

--- Federal Navigation Channel

— Federal Navigation Center Line

— As-built Pipeline/Cable

..... Unconfirmed Pipeline/Cable

— Project Depth Contour

○ Cable Area

□ Anchorage Area

⊗ Obstruction Point

✈ Wrecks-Submerged

□ Borrow Area

● Shoalest Sounding**

★ Beacon, General

◆ Red Navigation Buoy

◆ Green Navigation Buoy

0' and above

0' to -5'

-5' to -10'

-10' to -20'

-20' to -30'

-30' to -35'

-35' to -40'

-40' to -45'

-45' and below

Feet

0 500 1,000 1,500 2,000 2,500

LWRP: 1.9

Gage Reading: BR:4.8 D:2.1 USED:3.6 NAVD

Sea Conditions: CALM

Vessel Name: VALENTOUR

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 NEW ORLEANS DISTRICT			
Submitted:	Surveyed By: ADAMS/CHAMPINE	Plotted By: BD	Checked By: AO/JH
Recommended:	Chief, Survey Section		Chief, Waterways Maintenance Section
Approved:			

MISSISSIPPI RIVER - B.R. TO GULF
GRANADA CROSSING
MD_10_GRA_20251118_CS
18 November 2025

Sheet
Reference
Number
10 of 97

Revision Number:
5.25.08.04-5.25.08.04

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

DISCLAIMER: The data presented in this map is the result of a survey conducted for a specific purpose. The data is not intended for use in any other application. The user is responsible for the results of any application of the data for other than its intended purpose.

Data Contents: Hydrographic survey data is subject to change. The data is not intended for use in any other application. The user is responsible for the results of any application of the data for other than its intended purpose.

Disclaimer: The information depicted on this map represents the results of a survey. The data is not intended for use in any other application. The user is responsible for the results of any application of the data for other than its intended purpose.