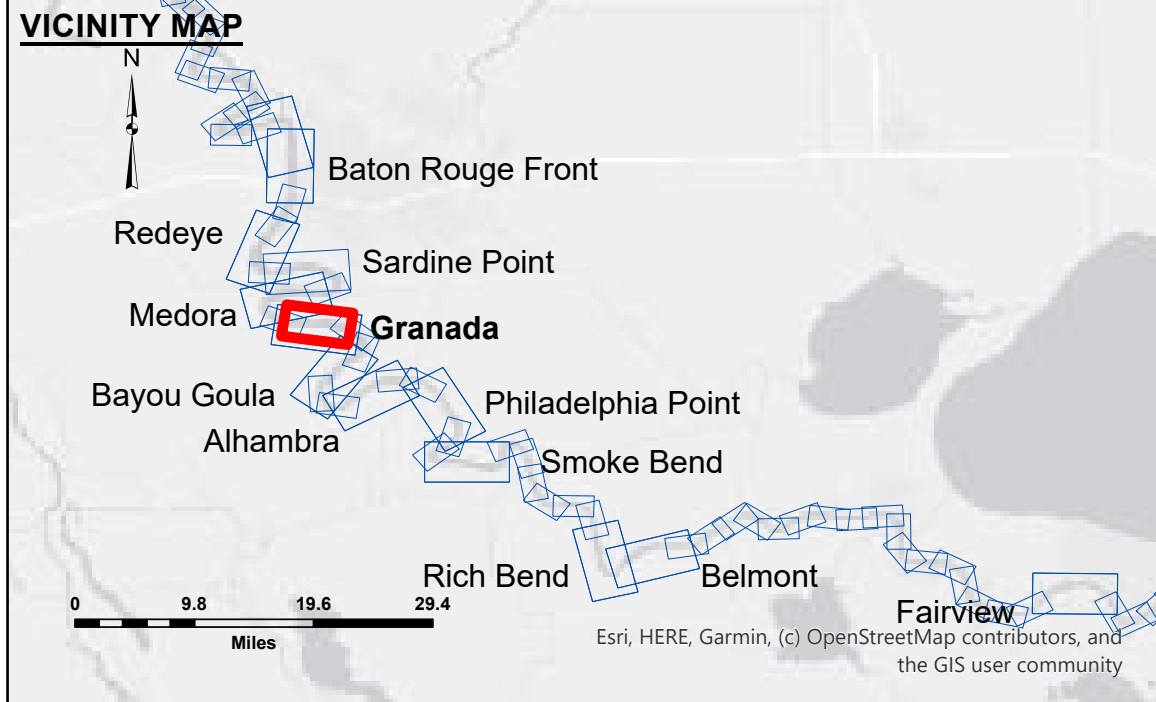
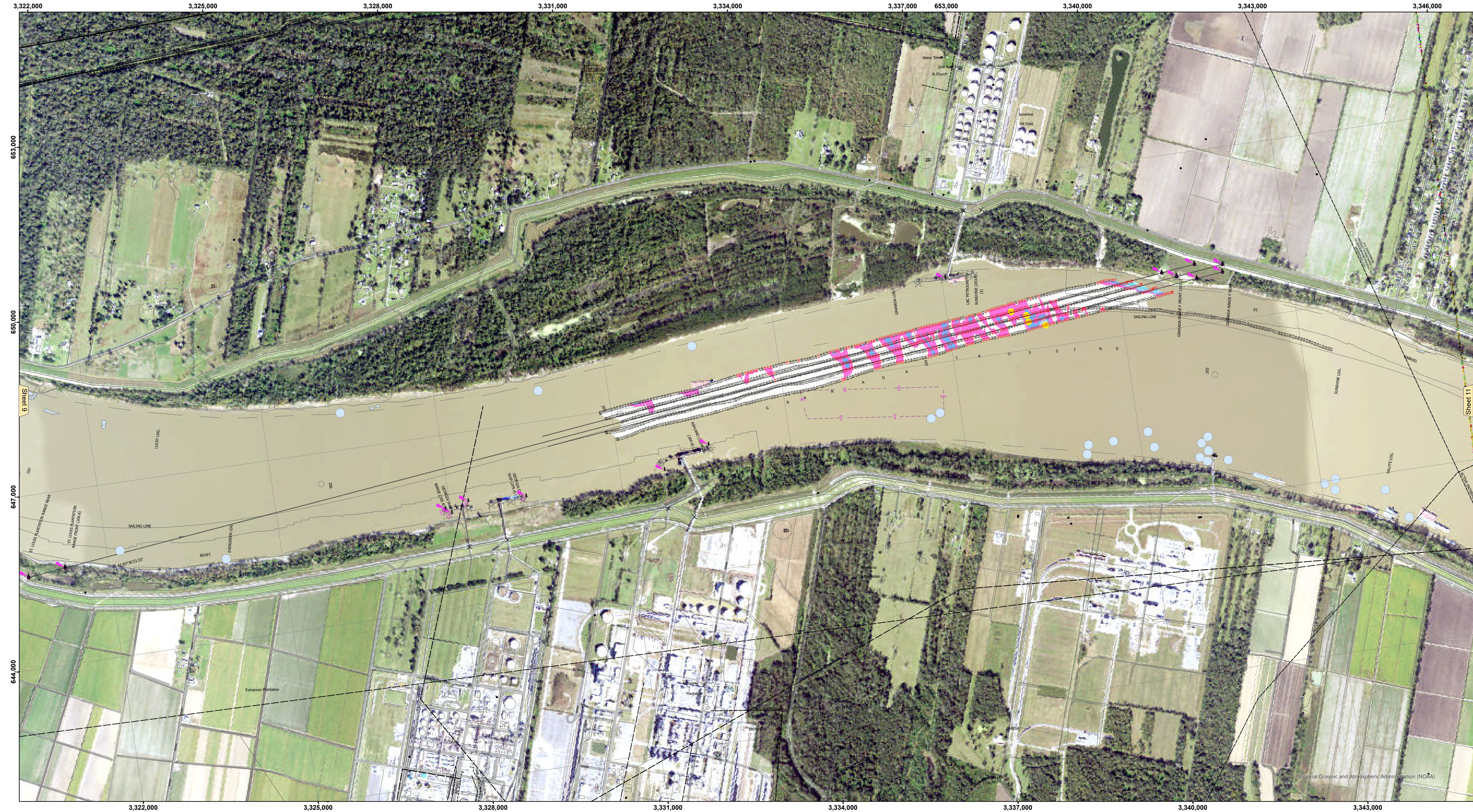
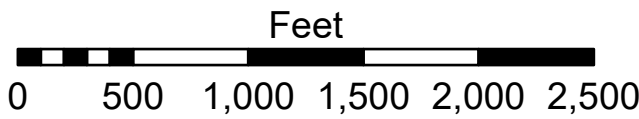
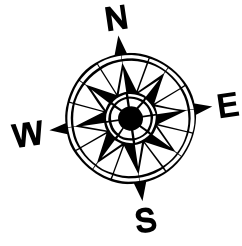




LEGEND			
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	0' and above
— Federal Navigation Center Line	▭ Placement Area	● Shoalest Sounding**	0' to -5'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	-5' to -10'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	★ Red Navigation 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:32.7D:22.4 USED:28.2 NAVD
Sea Conditions: CALM
Vessel Name: M/V LAFOURCHE
Survey Type: CS
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.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: RYLAND/ADAMS	Plotted By: AO	Checked By: AO
Recommended	Chief, Survey Section		
Approved	Chief, Waterways Maintenance Section		

MISSISSIPPI RIVER - B.R. TO GULF
GRANADA CROSSING
MD_10_GRA_20250604_CS
04 June 2025

Sheet
Reference
Number
10 of 97

Revision Number:
5.25.04.03-5.25.04.03



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Data Contents: Hydrographic survey data is subject to change and is not intended for use in any other manner than the intended purpose. The data is not intended for use in any other manner than the intended purpose. The data is not intended for use in any other manner than the intended purpose.

The information depicted on this map represents the results of a survey and is not intended for use in any other manner than the intended purpose. The data is not intended for use in any other manner than the intended purpose. The data is not intended for use in any other manner than the intended purpose.