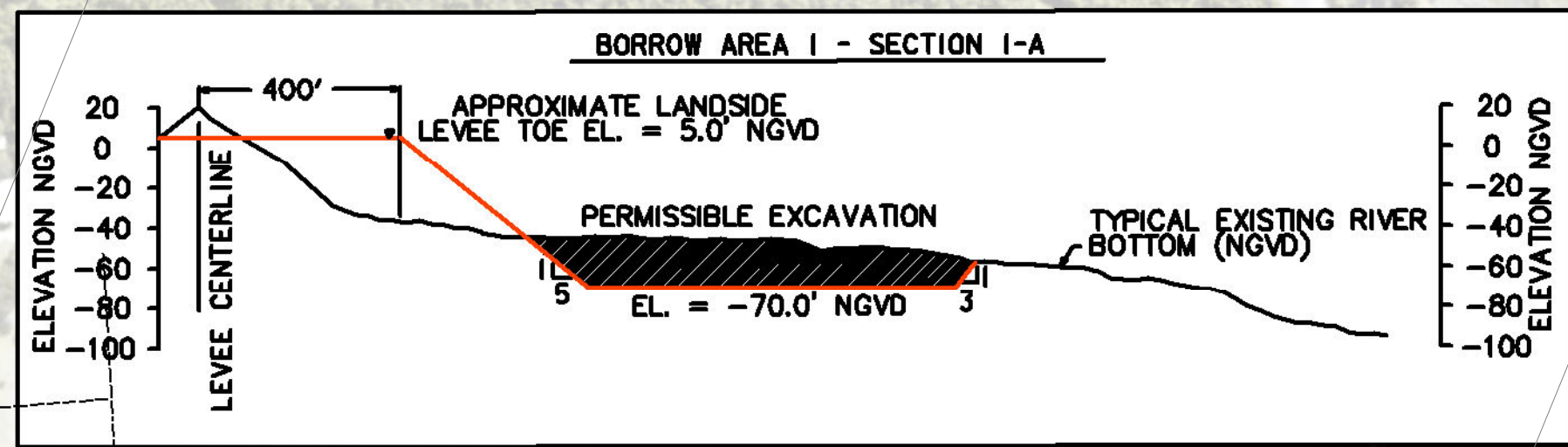


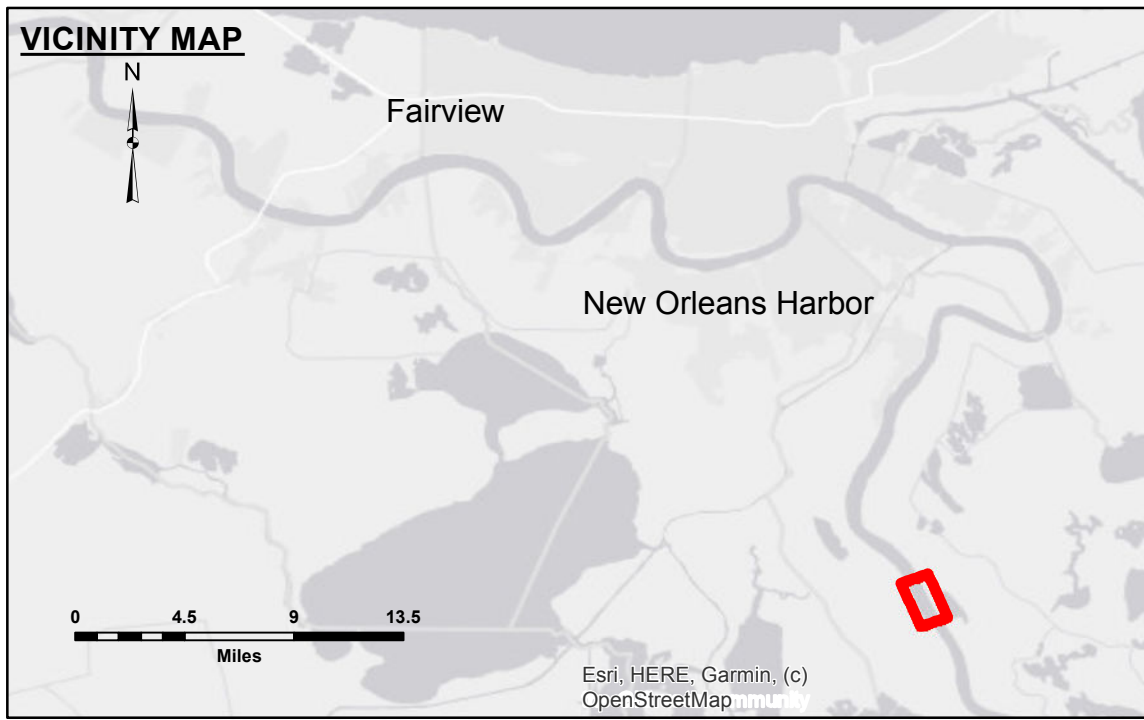
Legend

0 to -35
-35 to -40
-40 to -45
-45 to -50
-50 to -55
-55 to -60
-60 to -65
-65 to -70
-70 to -75
-75 to -80
-80 to -85
-85 and below



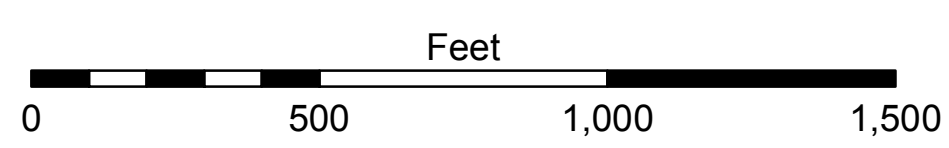
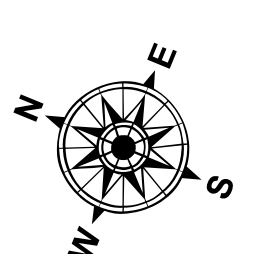
DISCLAIMER
 The information depicted on this map represents the results of a survey conducted for a specific project. It is not intended to represent the general condition existing at that time.
 The user is responsible for the accuracy, completeness, and reliability of the data used in the preparation of this map. The user is responsible for the interpretation and application of the data for other than its intended purpose.
 The information depicted on this map represents the results of a survey conducted for a specific project. It is not intended to represent the general condition existing at that time.
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Surveyed By: PM/SP	Plotted By: BD	Checked By: AD/JH
Submitted:	Room/Desk: Chert Survey Station	Approved: Chert Waterways Maintenance Section



LEGEND

--- Federal Navigation Channel	○ Cable Area	■ Shoaling Area
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy
— Project Depth Contour	★ Wrecks-Submerged	◆ Green Navigation Buoy



LWRP: N/A
 Gage Reading: ALLIANCE: 2.28 NAVD
 Sea Conditions: CALM
 Vessel Name: OB-167
 Survey Type: MB
 Sounding Frequency***: 400KHZ

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 National Geodetic Vertical Datum of 1929 (NGVD29).
 Datum Relationships for Alliance (0.0' Gage Datum = 0.0' NAVD88 (2009.55) = 0.71' NGVD29)
 Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.
 The location of navigation aids are based on and provided by the U.S. Coast Guard and USACE crew.
 2015 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.

MISSISSIPPI RIVER - B.R. TO GULF
 SALT WATER BARRIER, BORROW 1
 MD_72_SB3_20220901_CS_10X10
 01 September 2022

Sheet Reference Number
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Revision Number:
 4-2-2024(9/28)