914,000 3,175,000 3,178,000 3,181,000

914,000 905,000 3,181,000 902,000 911,000 3,172,000 908,000 3,172,000 905,000 3,175,000 3,178,000

TABLE OF COORDINATES

POINT NO.	X	Y
1	3177319.136	905485.019
2	3177078.443	907480.021
3	3176613.880	908417.707
4	3175807.880	909200.672
5	3175359.699	909636.057

CURVE #1 DATA
△ = 38°56'46.430"
D = 3° 39'00"
R = 1569.53
T = 555.00
L = 1066.87
LC = 1046.46

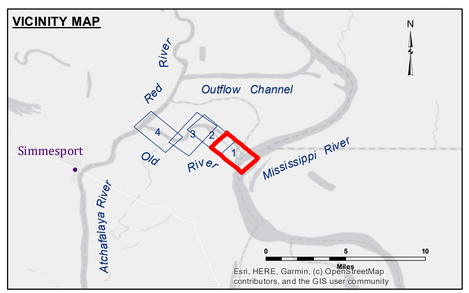
LOWER OLD RIVER
Water
MI 1
MI 0
CONCORDIA PARISH LA.
WEST FELICIANA PARISH LA.
OLD RIVER LT.
Sand Bar
MISSISSIPPI RIVER
APPROX. LIMIT OF WORK
OLD RIVER TAILBAY (NGVD)
OLD RIVER FOREBAY (NGVD)
OLD RIVER LOCK
TAILBAY
GANTRY CRANE TRACKS
PARKING
CONTROL HOUSE
OFFICE
SHOP
WAREHOUSE
TOE OF LEVEE
BORROW PIT
Sheet 2

TYPICAL SECTION
Station 0+00 to 18+00
62.5' 62.5' 125'
North 1:3 El -8.0'
South 1:3
Channel
Elevations in Feet refer to N.G.V.D.

TYPICAL SECTION
Station 18+00 to 48+00
62.5' 62.5' 125'
North 1:2 El -6.0'
South
Channel

TYPICAL SECTION
Station 48+00 to 54+00
37.5' 37.5' 75'
North 1:3 El -6.0'
South
Channel

VICINITY MAP



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
- -8' and above
- -8' to -10'
- -10' to -12'
- -12' and below

N W E S

Gage Reading:	ORL FB: 36.80 NGVD
Sea Conditions:	CALM
Vessel Name:	OB 189
Survey Type:	CS
Sounding Frequency***:	HIGH

Feet
0 500 1,000 1,500

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).

The location of navigation aids are based on and provided by the U.S. Coast Guard. Positions of navigation aids shown may also have been surveyed in the field by USACE.

2010 Aerial Photography data source: NAIP. 1998 DOQQ imagery shown in green from USGS.

Reference is N.O.A.A. Navigation Chart No. 11354.

** 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.

US Army Corps of Engineers
District: CEMVN

DISCLAIMER:
Access Constraints: The United States Government furnishes these data and has no responsibility or liability for any interpretations made from the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. Unless otherwise agreed in writing, the recipient fully agrees not to represent these data to anyone as other than preliminary and to indemnify the United States for any claims based on these data.

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Data Constraints: Hydrographic survey data is subject to change due to natural and man-induced conditions. Prior to using any Army Corps of Engineers survey data for navigation, the user should inquire about controlling depth and any recent changes in the project. Project conditions should be verified by a field survey.

The information depicted on the map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: RYLAND/SIMMONS	
	Plotted By: JH	
Recommended:	Chief, Survey Section	
Approved:	Chief, Waterways Maintenance Section	Checked By: JH

OLD RIVER LOCK VICINITY
OLD RIVER LOCK FOREBAY
OR_01_LFB_20240723_CS
23 July 2024

Sheet Reference Number
1 **of** 4

Revison Number:
4.2-20200420