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

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

LOWER OLD RIVER
Water
MI 1
CONCORDIA PARISH, LA.
WEST FELICIANA PARISH, LA.
OLD RIVER L.T.
Sand Bar
MISSISSIPPI RIVER
OLD RIVER TAILBAY (NGVD)
OLD RIVER FOREBAY (NGVD)
APPROX. LIMIT OF WORK
OLD RIVER LOCK
TAILBAY
GANTRY CRANE TRACKS
BORROW PIT
CURVE #1 DATA
Δ = 38°56'46.430"
D = 3° 39' 00"
R = 1569.53
T = 555.00
L = 1066.87
LC = 1046.46
MI 0
Sheet 2

914,000 911,000 905,000 902,000

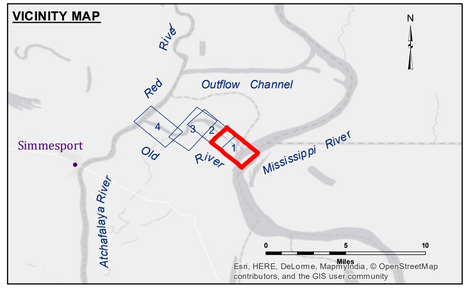
908,000 3,172,000 905,000 3,175,000 3,178,000

TYPICAL SECTION
Station 0+00 to 18+00

TYPICAL SECTION
Station 18+00 to 48+00

TYPICAL SECTION
Station 48+00 to 54+00

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

Gage Reading:	OLD RIVER FB: 46.5 NGVD
Sea Conditions:	CALM
Vessel Name:	OB-189
Survey Type:	CONDITION
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

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Access Constraints: The United States Government furnishes these data and the US Government assumes no liability except as expressed, or implied concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof, and the recipient agrees to indemnify and save the US Government harmless from any claim, cost, damage, or liability whatsoever. The recipient fully agrees not to represent these data to anyone as other than data furnished by the US Government, and to hold the US Government harmless from any liability which may arise from such representation. Any use of these data by others without also transferring this Disclaimer.

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Data Constraints: Hydrographic survey data is subject to change over time and must be interpreted accordingly. The U.S. Army Corps of Engineers accepts no responsibility for changes in the project area subsequent to the date of the survey shown in the publication. This data is intended for U.S. Army Corps of Engineers' internal use. Project conditions should be verified before survey is used.

U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: DS/JH	
	Plotted By: BD	Checked By: AO
Recommended:	Chief, Survey Section	
Approved:	Chief, Waterways Maintenance Section	

OLD RIVER LOCK VICINITY
OLD RIVER LOCK FOREBAY
OR_01_LFB_20181029_AD
29 October 2018

Sheet Reference Number
1 of 4

Revison Number:
3.12-20160811