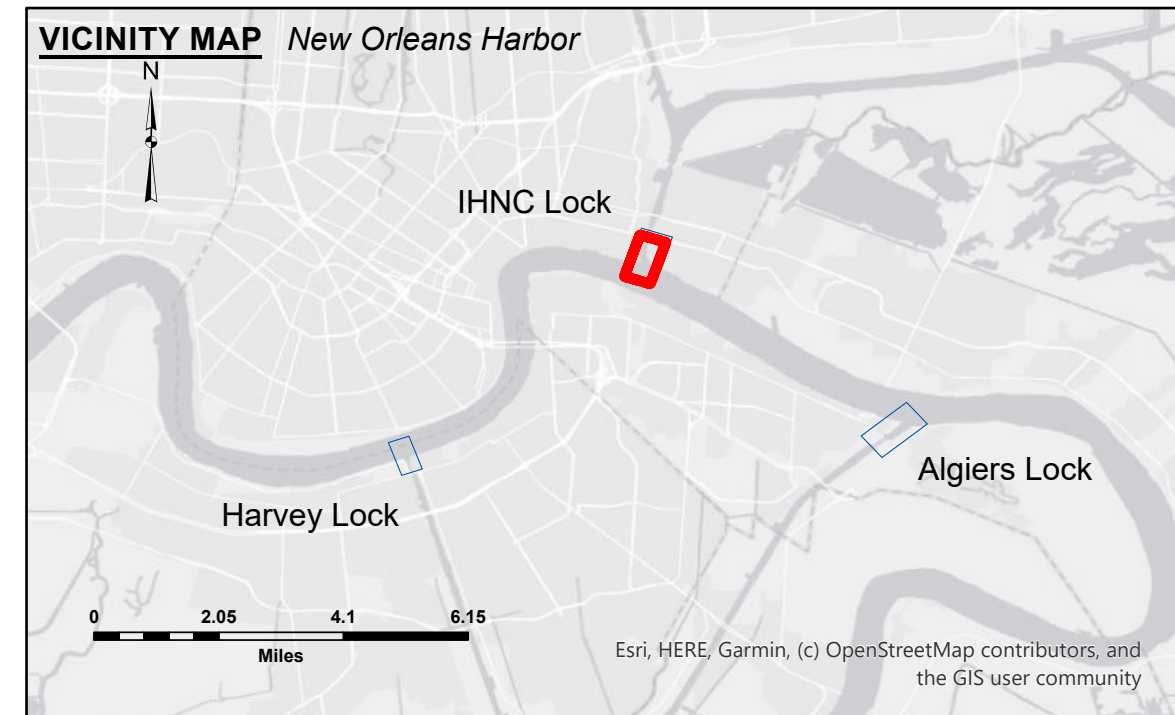
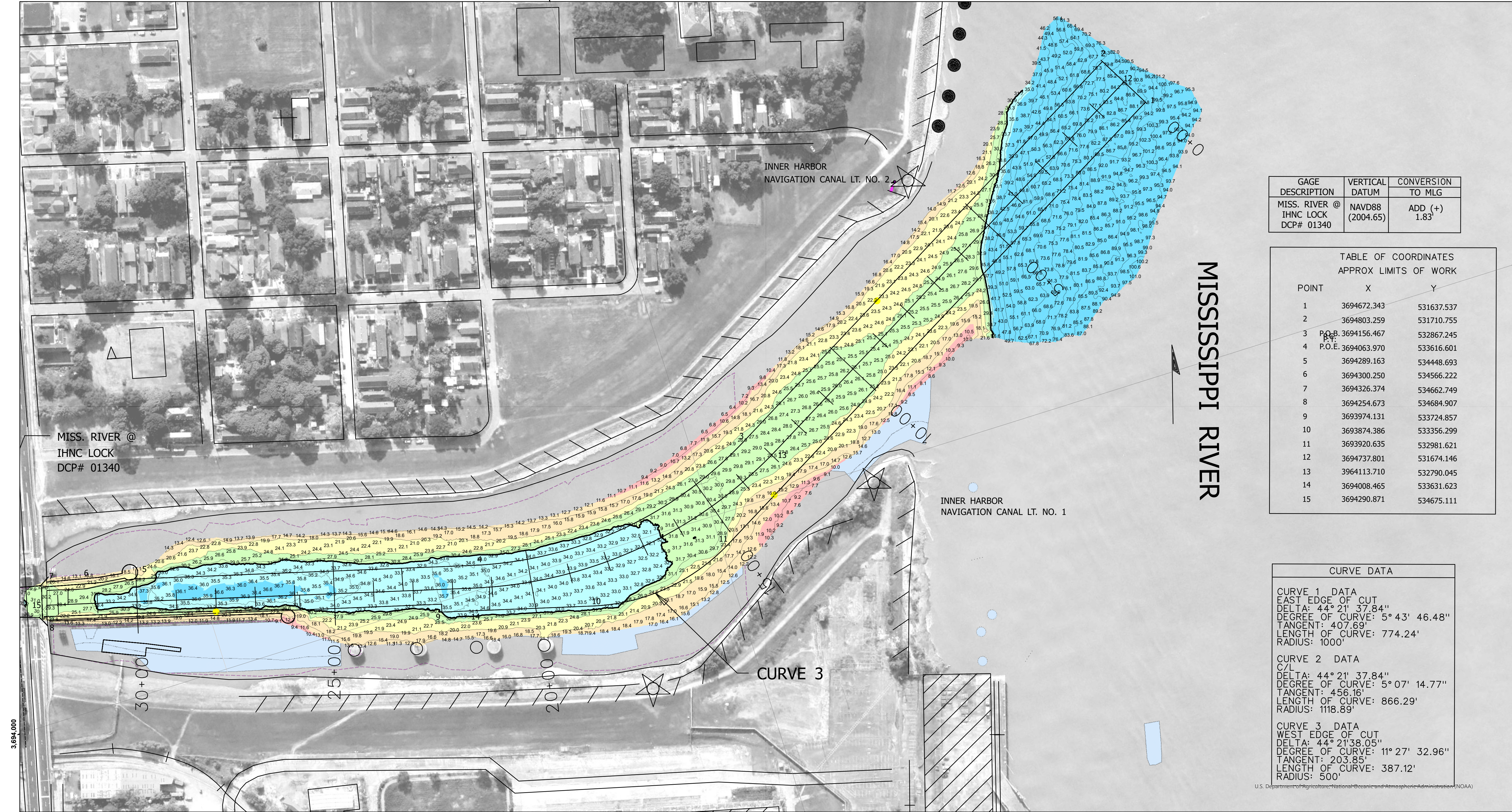




LEGEND			
Federal Navigation Channel	Cable Area	Placement Area	-12' and above
Federal Navigation Center Line	Placement Area	Shoalest Sounding**	-12' to -20'
As-built Pipeline/Cable	Anchorage Area	Beacon, General	-20' to -25'
Unconfirmed Pipeline/Cable	Obstruction Point	Red Navigation Buoy	-25' to -32'
Project Depth Contour	Wrecks-Submerged	Green Navigation Buoy	-32' to -36'
			-36' and below

LWRP:
Gage Reading:
Sea Conditions:
Vessel Name:
Survey Type:
Sounding Frequency***:

N/A
RTN VRS: 5.09 MLG
CHOPPY
DUCARPE
MB
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 Mean Low Gulf (MLG).

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.

Aerial Photography data source: Louisiana NAIP Imagery 2023

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.

GAGE DESCRIPTION	VERTICAL DATUM	CONVERSION
		TO MLG
MISS. RIVER @ IHNC LOCK DCP# 01340	NAVD88 (2004.65)	ADD (+) 1.83'

TABLE OF COORDINATES APPROX LIMITS OF WORK		
POINT	X	Y
1	3694672.343	531637.537
2	3694803.259	531710.755
3	P.O.B. 3694156.467	532867.245
4	P.O.E. 3694063.970	533616.601
5	3694289.163	534448.693
6	3694300.250	534566.222
7	3694326.374	534662.749
8	3694254.673	534684.907
9	3693974.131	533724.857
10	3693874.386	533356.299
11	3693920.635	532981.621
12	3694737.801	531674.146
13	3964113.710	532790.045
14	3694008.465	533631.623
15	3694290.871	534675.111

CURVE DATA	
CURVE 1 DATA EAST EDGE OF CUT DELTA: 44° 21' 37.84" DEGREE OF CURVE: 5° 43' 46.48" TANGENT: 407.69' LENGTH OF CURVE: 774.24' RADIUS: 1000'	
CURVE 2 DATA C/L DELTA: 44° 21' 37.84" DEGREE OF CURVE: 5° 07' 14.77" TANGENT: 456.16' LENGTH OF CURVE: 866.29' RADIUS: 1118.89'	
CURVE 3 DATA WEST EDGE OF CUT DELTA: 44° 21' 38.05" DEGREE OF CURVE: 11° 27' 32.96" TANGENT: 203.85' LENGTH OF CURVE: 387.12' RADIUS: 500'	

U.S. Department of Agriculture, National Oceanic and Atmospheric Administration (NOAA)



DISTRICT NOTICE:
Access Restrictions: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that they are not to be used for any purpose other than that for which they were prepared, and that the use of these data for any other purpose is prohibited. The user is responsible for the results of any use of these data for any other purpose. The user is responsible for the results of any use of these data for any other purpose. The user is responsible for the results of any use of these data for any other purpose.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted	Surveyed By:	LTPM	Plotted By:
	Checked By:	BD	
Recommended	Chief Survey Section		Checked By:
Approved	Chief Waterways Maintenance Section		AOJ/H

MISSISSIPPI RIVER DEEP-DRAFT LOCKS
I.H.N.C. LOCK FOREBAY
LK_02_IHN_20260410_CS_3X3
10 April 2026

Sheet
Reference
Number
2 of 4