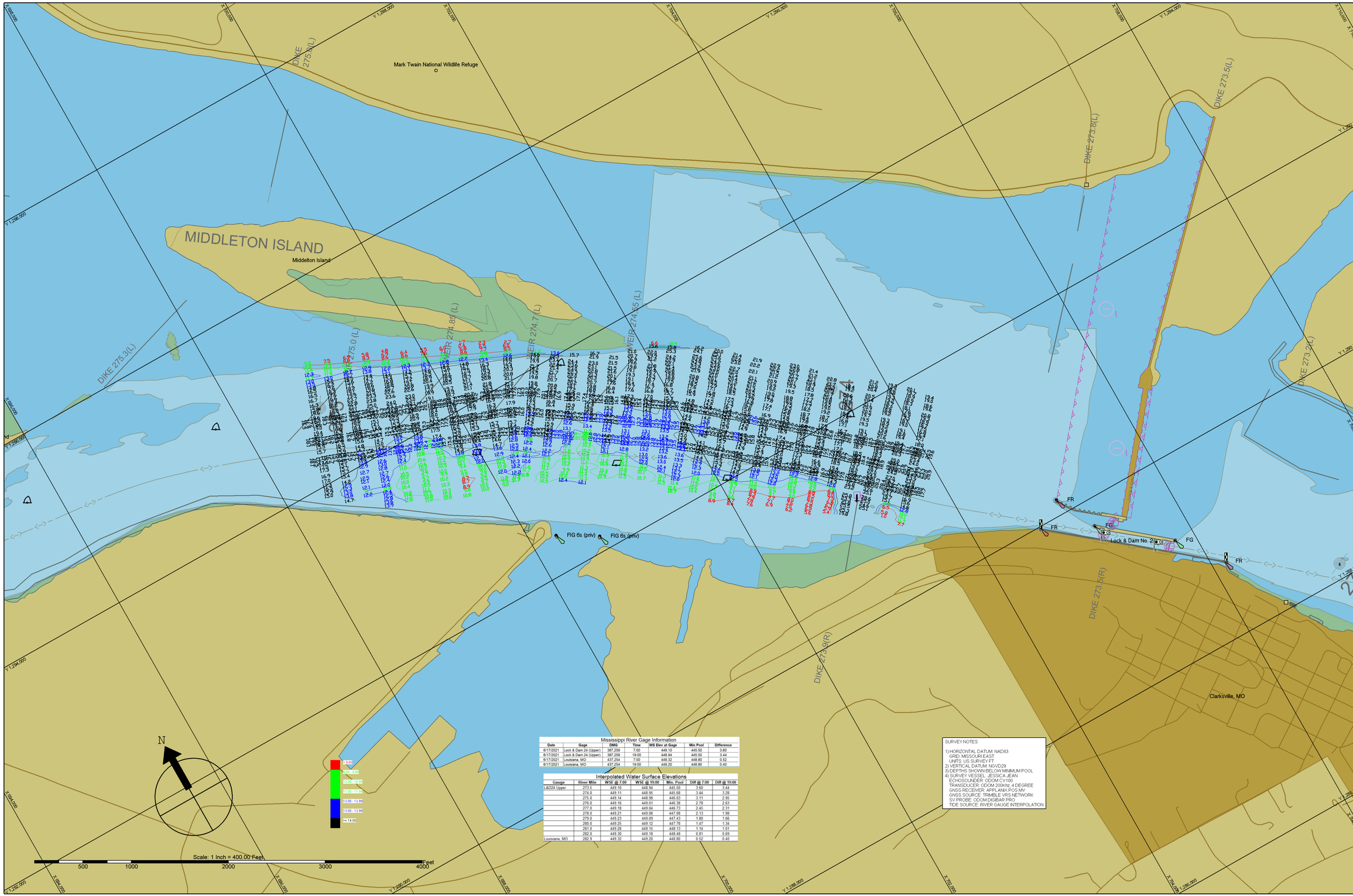

Mississippi River Gage Information

Date	Gage	DMG	Time	WS Elev at Gage	Min Pool	Difference
6/17/2021	Lock & Dam 24 (Upper)	387.259	7:00	449.10	445.50	3.60
6/17/2021	Lock & Dam 24 (Upper)	387.259	19:00	448.94	445.50	3.44
6/17/2021	Louisiana, MO	437.254	7:00	449.32	448.80	0.52
6/17/2021	Louisiana, MO	437.254	19:00	449.20	448.80	0.40

Interpolated Water Surface Elevations

Gauge	River Mile	WSE @ 7:00	WSE @ 19:00	Min. Pool	Diff @ 7:00	Diff @ 19:00
L&D24 Upper	273.5	449.10	448.94	445.50	3.60	3.44
	274.0	449.11	448.95	445.68	3.44	3.28
	275.0	449.14	448.98	446.03	3.11	2.95
	276.0	449.16	449.01	446.38	2.78	2.63
	277.0	449.18	449.04	446.73	2.45	2.31
	278.0	449.21	449.06	447.08	2.13	1.98
	279.0	449.23	449.09	447.43	1.80	1.66
	280.0	449.25	449.12	447.78	1.47	1.34
	281.0	449.28	449.15	448.13	1.14	1.01
	282.0	449.30	449.18	448.48	0.81	0.69
Louisiana, MO	282.9	449.32	449.20	448.80	0.52	0.40

SURVEY NOTES

1) HORIZONTAL DATUM: NAD83
GRID: MISSOURI EAST
UNITS: US SURVEY FT
2) VERTICAL DATUM: NGVD29
3) DEPTHS SHOWN BELOW MINIMUM POOL
4) SURVEY VESSEL: JESSICA JEAN
ECHOSOUNDER: ODOM CV100
TRANSDUCER: ODOM 200khz, 4 DEGREE
GNSS RECEIVER: APPLANIX POS MV
GNSS SOURCE: TRIMBLE VRS NETWORK
SV PROBE: ODOM DIGIBAR PRO
TIDE SOURCE: RIVER GAUGE INTERPOLATION

St. Louis District

DATES OF SURVEY:
JUNE 17th 2021

SCALE:
1" = 400'

FILE NO.: RM273.8-275_24x36
REQUEST NO.: ########

FIELD BOOKS:

Approved: NAME
FIELD CARTOGRAPHER

Approved: NAME
CIVIL ENGINEERING TECHNICIAN

Approved: NAME
ASST. CHIEF OF SURVEY

Approved: NAME
CHIEF OF SURVEY

Date: JUNE 18 2021

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY:
SEAWORKS GROUP LLC
185 E MAIN ST STE. 414
BENTON HARBOR, MI 49022

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

PRE DREDGE SURVEY
POOL 24, MILES 273.8-275

SHEET NO.

1 OF 1