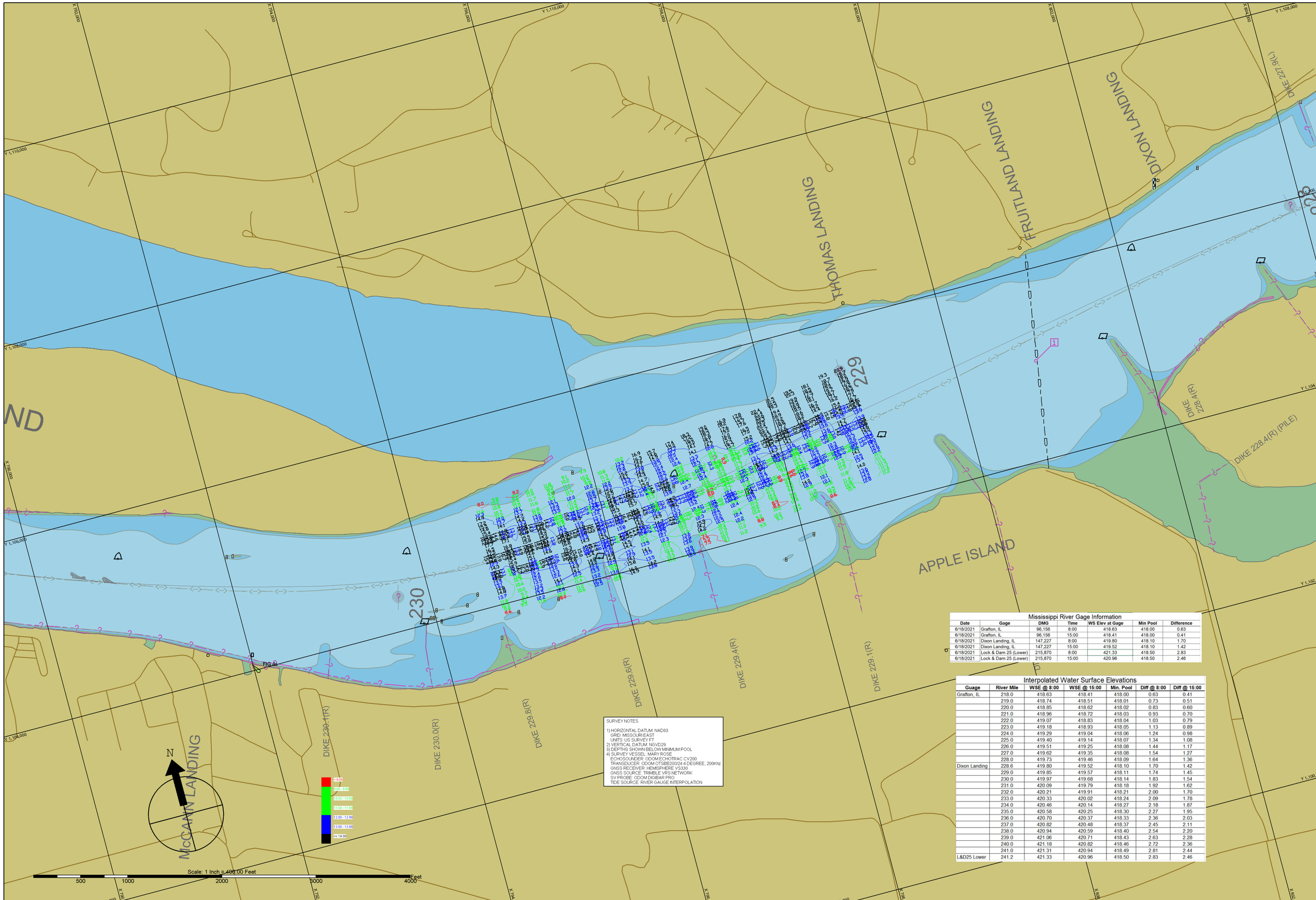

SURVEY NOTES

1) HORIZONTAL DATUM: NAD83
GRID: MISSOURI EAST
UNITS: US SURVEY FT
2) VERTICAL DATUM: NGVD29
3) DEPTHS SHOWN BELOW MINIMUM POOL
4) SURVEY VESSEL: MARY ROSE
ECHOSOUNDER: ODOM ECHOTRAC CV200
TRANSDUCER: ODOM OTSBE020/24 4 DEGREE, 200Khz
GNSS RECEIVER: HEMISPHERE VS330
GNSS SOURCE: TRIMBLE VRS NETWORK
SV PROBE: ODOM DIGIBAR PRO
TIDE SOURCE: RIVER GAUGE INTERPOLATION

Mississippi River Gage Information

Date	Gage	DMG	Time	WS Elev at Gage	Min Pool	Difference
6/18/2021	Grafton, IL	96,156	8:00	418.63	418.00	0.63
6/18/2021	Grafton, IL	96,156	15:00	418.41	418.00	0.41
6/18/2021	Dixon Landing, IL	147,227	8:00	419.80	418.10	1.70
6/18/2021	Dixon Landing, IL	147,227	15:00	419.52	418.10	1.42
6/18/2021	Lock & Dam 25 (Lower)	215,870	8:00	421.33	418.50	2.83
6/18/2021	Lock & Dam 25 (Lower)	215,870	15:00	420.96	418.50	2.46

Interpolated Water Surface Elevations

Guage	River Mile	WSE @ 8:00	WSE @ 15:00	Min. Pool	Diff @ 8:00	Diff @ 15:00
Grafton, IL	218.0	418.63	418.41	418.00	0.63	0.41
	219.0	418.74	418.51	418.01	0.73	0.51
	220.0	418.85	418.62	418.02	0.83	0.60
	221.0	418.96	418.72	418.03	0.93	0.70
	222.0	419.07	418.83	418.04	1.03	0.79
	223.0	419.18	418.93	418.05	1.13	0.89
	224.0	419.29	419.04	418.06	1.24	0.98
	225.0	419.40	419.14	418.07	1.34	1.08
	226.0	419.51	419.25	418.08	1.44	1.17
	227.0	419.62	419.35	418.08	1.54	1.27
	228.0	419.73	419.46	418.09	1.64	1.36
Dixon Landing	228.6	419.80	419.52	418.10	1.70	1.42
	229.0	419.85	419.57	418.11	1.74	1.45
	230.0	419.97	419.68	418.14	1.83	1.54
	231.0	420.09	419.79	418.18	1.92	1.62
	232.0	420.21	419.91	418.21	2.00	1.70
	233.0	420.33	420.02	418.24	2.09	1.78
	234.0	420.46	420.14	418.27	2.18	1.87
	235.0	420.58	420.25	418.30	2.27	1.95
	236.0	420.70	420.37	418.33	2.36	2.03
	237.0	420.82	420.48	418.37	2.45	2.11
	238.0	420.94	420.59	418.40	2.54	2.20
	239.0	421.06	420.71	418.43	2.63	2.28
	240.0	421.18	420.82	418.46	2.72	2.36
	241.0	421.31	420.94	418.49	2.81	2.44
L&D25 Lower	241.2	421.33	420.96	418.50	2.83	2.46

St. Louis District

DATES OF SURVEY:
JUNE 18th 2021

SCALE:
1" = 400'

FIELD BOOKS:

FILE NO.: RM201-241_24x36
REQUEST NO.: ########

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

Approved: NAME
FIELD CARTOGRAPHER
Approved: NAME
CIVIL ENGINEERING TECHNICIAN
Approved: NAME
ASST. CHIEF OF SURVEY
Approved: NAME
CHIEF OF SURVEY
Date: JUNE 18, 20201

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

UPPER MISSISSIPPI RIVER
BASIN
MISSISSIPPI RIVER

PRE DREDEG SURVEY
POOL 26, MILES 229-229.8

SHEET NO.

9 OF 18