SURVEY NOTES:

1) HORIZONTAL DATUM:
NAD83 (2011) MISSOURI EAST 2401, US SURVEY FOOT

2) VERTICAL DATUM:
NAVD88 (GEOID18), FOOT

3) DEPTHS SHOWN ARE BELOW LWRP2014 SURFACE.

4) SURVEY INFORMATION:
SURVEY VESSEL: PRAIRIE 20' BOAT
ECHO SOUNDER: TELEDYNE ECHOTRAC E20
GNSS RECEIVER: TRIMBLE R10
GNSS SOURCE: MODOT RTN
TIDE METHOD: REAL-TIME KINEMATIC
TIDE SOURCE: MODOT RTN

5) THE SURVEY WAS COMPLETED IN ACCORDANCE WITH QUALITY CONTROL PLAN PROCEDURES.

JULY 25, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 16:30	WSE @ 20:30	LWRP 2014	LWRP DIF @ 16:30	LWRP DIF @ 20:30
14	292.02	291.69	285.78	6.24	5.91
15	292.48	292.18	286.35	6.13	5.83
16	292.95	292.67	287.03	5.92	5.64
17	293.42	293.16	287.74	5.68	5.42

GAGE RECORD

River Mile	River Gage	Zero NAVD88	Time 1	Stage 1	Time 2	Stage 2
2.0	Birds Point, MO	273.91	16:30	12.51	20:30	11.90
20.2	Thompson Landing, MO	279.03	16:30	15.88	20:30	15.70

Towhead

Scudder Lower Lt. (16.2)

Fl(2)R 5s

ILLINOIS

MISSOURI

Grand Lake

16

15

Island No. 2

N

Scale: 1 Inch = 800.00 Feet

500 1000 2000 3000 4000 Feet

St. Louis District

DATES OF SURVEY: JULY 25, 2023

FILE NO.: 01EG3523

REQUEST NO.: W912P923F0086

SCALE: 1" = 800' (ANSI B)

FIELD BOOKS:

Approved: FIELD CARTOGRAPHER

Approved: CIVIL ENGINEERING TECHNICIAN

Approved: ASST. CHIEF OF SURVEY

Approved: CHIEF OF SURVEY

Date:

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

SURVEYED BY:
PRAIRIE ENGINEERS, P.C.
PROCESSED BY:
BOWEN ENGINEERING AND SURVEYING, P.C.

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

POST DREDGE SURVEY
RIVER MILES 16.4 - 14.7

SHEET NO.

1 OF 1