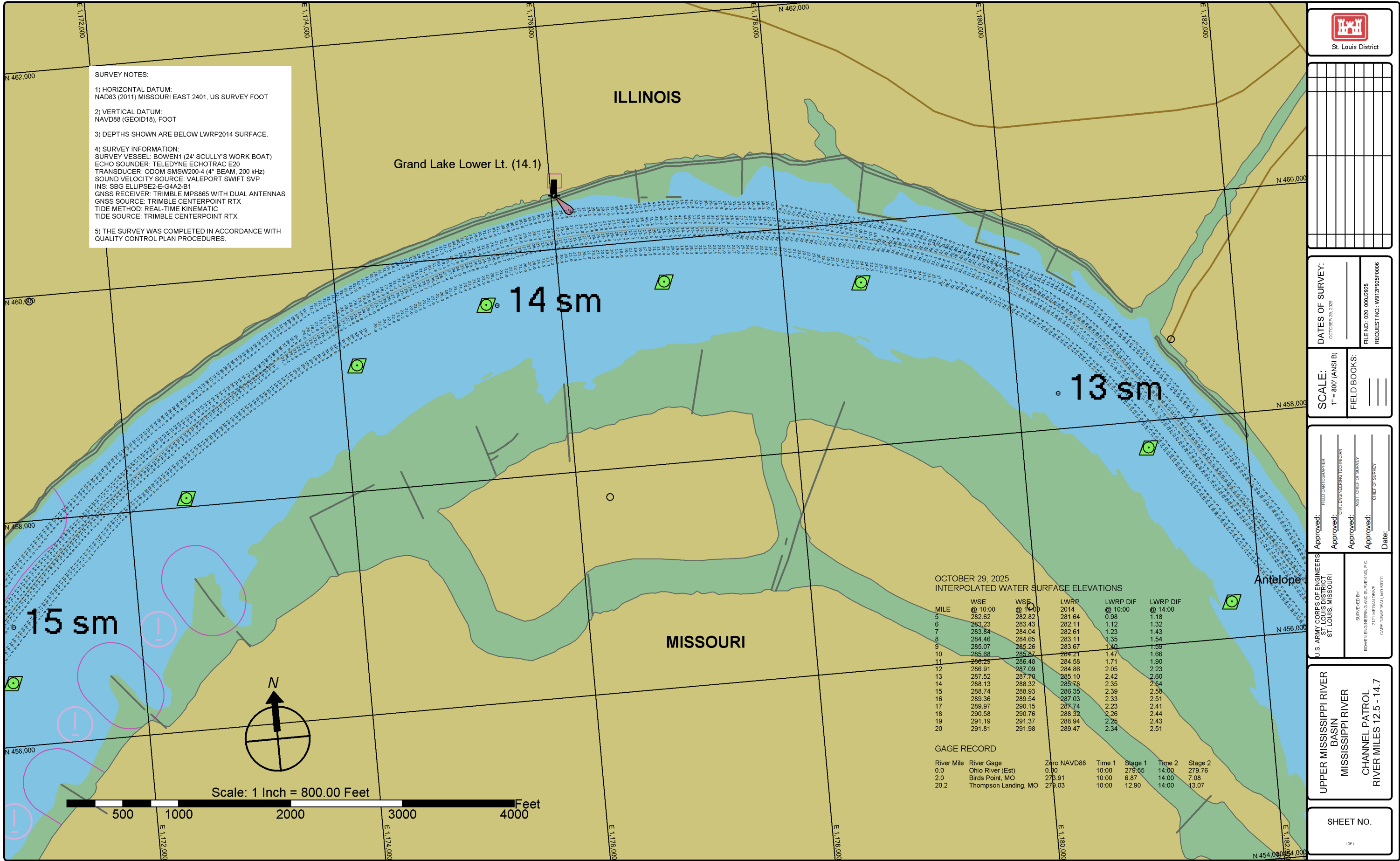
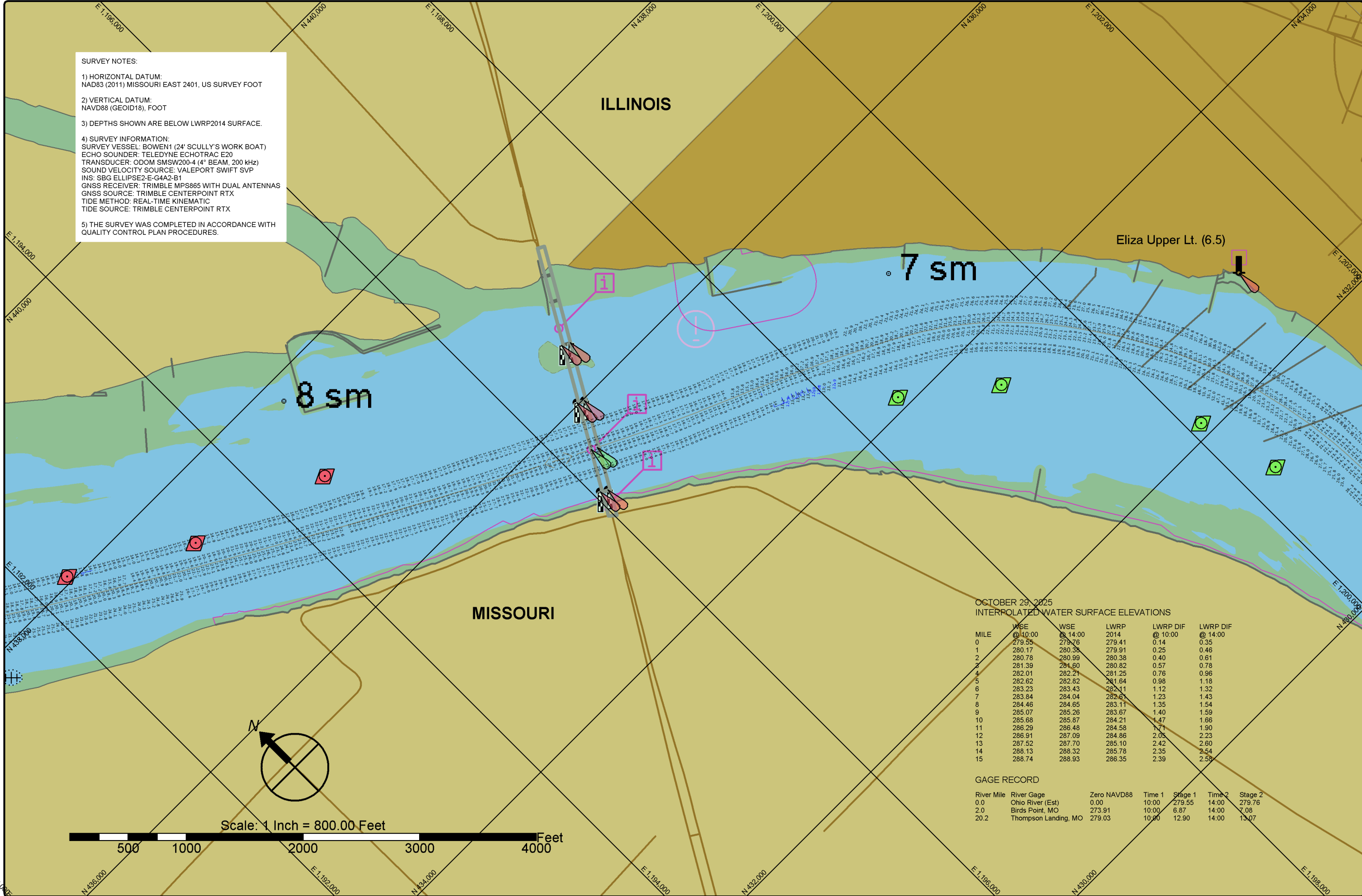
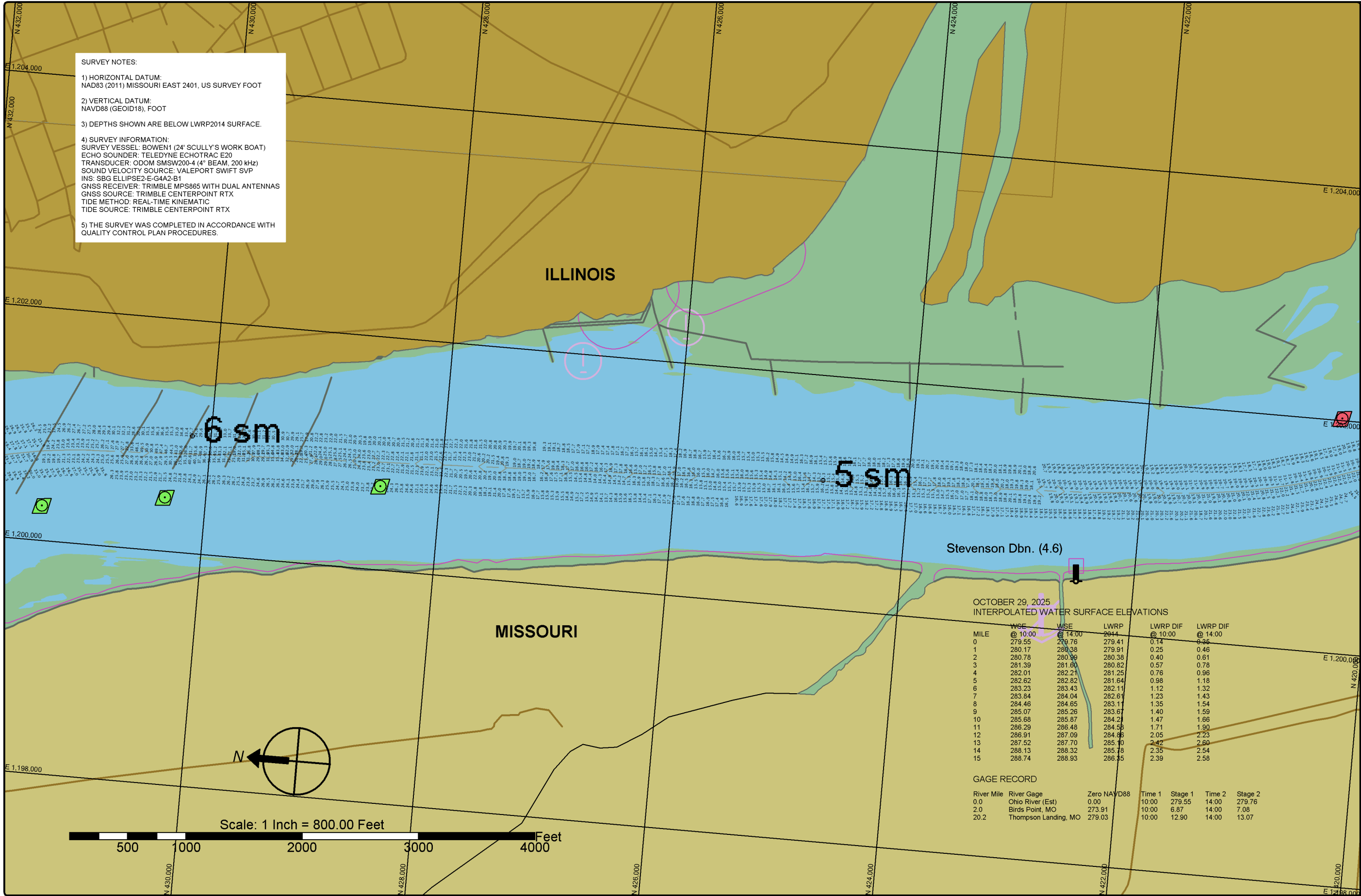
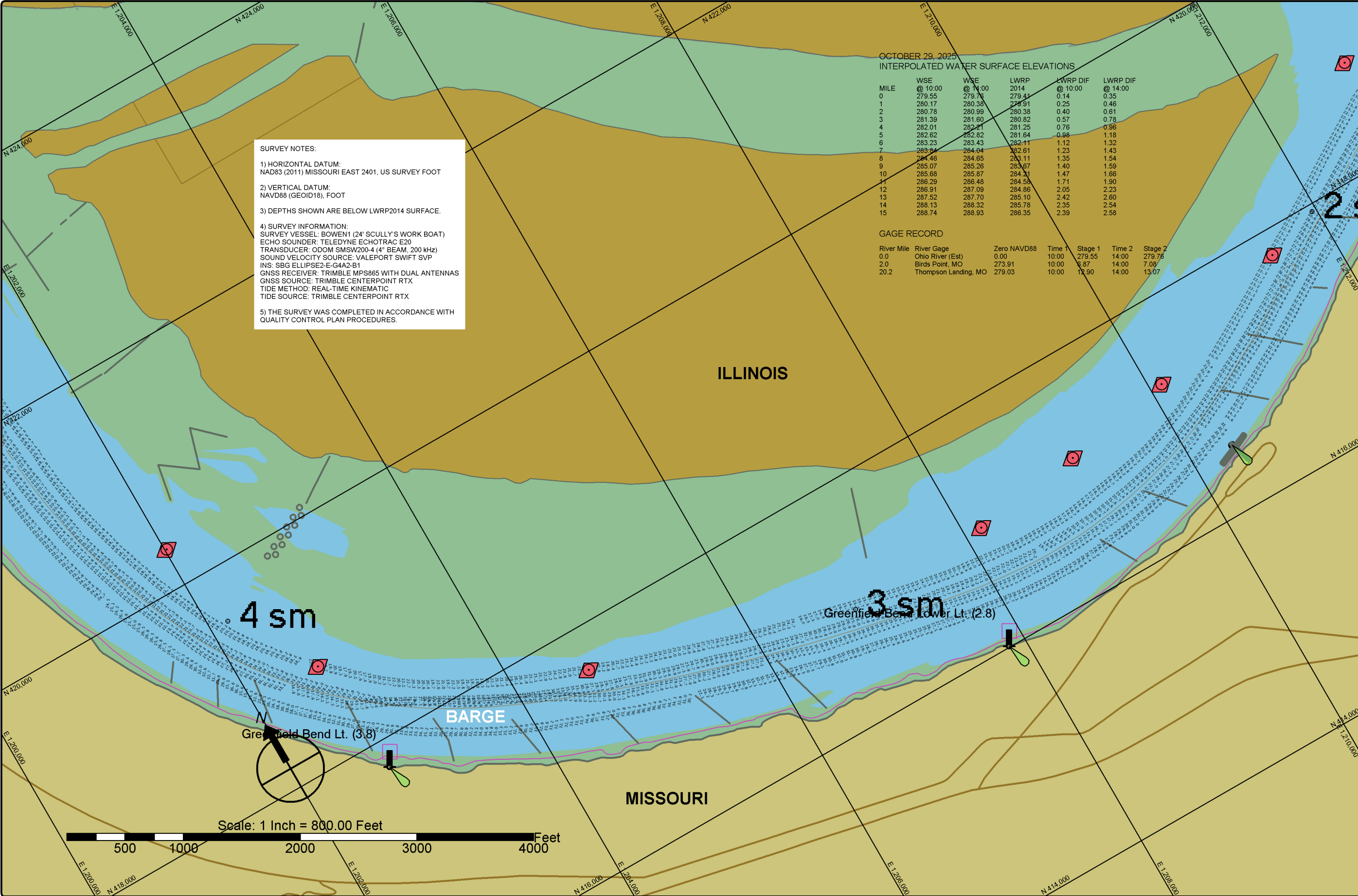










SURVEY NOTES:

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: BOWEN1 (24' SCULLY'S WORK BOAT)
ECHO SOUNDER: TELEDYNE ECHOTRAC E20
TRANSDUCER: ODOM SMSW200-4 (4" BEAM, 200 kHz)
SOUND VELOCITY SOURCE: VALEPORT SWIFT SVP
INS: SBG ELLIPSE2-E-G4A2-B1
GNSS RECEIVER: TRIMBLE MPS865 WITH DUAL ANTENNAS
GNSS SOURCE: TRIMBLE CENTERPOINT RTX
TIDE METHOD: REAL-TIME KINEMATIC
TIDE SOURCE: TRIMBLE CENTERPOINT RTX

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

OCTOBER 29, 2025
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 10:00	WSE @ 14:00	LWRP 2014	LWRP DIF @ 10:00	LWRP DIF @ 14:00
0	279.55	279.76	279.41	0.14	0.35
1	280.17	280.38	279.91	0.25	0.46
2	280.78	280.99	280.38	0.40	0.61
3	281.39	281.60	280.82	0.57	0.78
4	282.01	282.21	281.25	0.76	0.96
5	282.62	282.82	281.64	0.98	1.18
6	283.23	283.43	282.11	1.12	1.32
7	283.84	284.04	282.61	1.23	1.43
8	284.46	284.65	283.11	1.35	1.54
9	285.07	285.26	283.67	1.40	1.59
10	285.68	285.87	284.31	1.47	1.68
11	286.29	286.48	284.53	1.71	1.90
12	286.91	287.09	284.86	2.05	2.23
13	287.52	287.70	285.10	2.42	2.60
14	288.13	288.32	285.78	2.35	2.54
15	288.74	288.93	286.35	2.39	2.58

GAGE RECORD

River Mile	River Gage	Zero NAVD88	Time 1	Stage 1	Time 2	Stage 2
0.0	Ohio River (Est)	0.00	10:00	279.55	14:00	279.76
2.0	Birds Point, MO	273.91	10:00	6.87	14:00	7.08
20.2	Thompson Landing, MO	279.03	10:00	13.90	14:00	13.07



St. Louis District

DATES OF SURVEY:
OCTOBER 29, 2025

FILE NO: 020_000/2925
REQUEST NO: W91P9955006

SCALE:
1" = 800' (ANSI B)

FIELD BOOKS:

Approved: _____
FIELD CARTOGRAPHER

Approved: _____
CONTINUING 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:
BOWEN ENGINEERING AND SURVEYING, P.C.
2121 MEGAN DRIVE
CAPE GIRARDEAU, MO 63701

UPPER MISSISSIPPI RIVER
BASIN
MISSISSIPPI RIVER
CHANNEL PATROL
RIVER MILES 2.0 - 4.2

SHEET NO.

1 OF 1

