



St. Louis District

**SURVEY NOTES:**

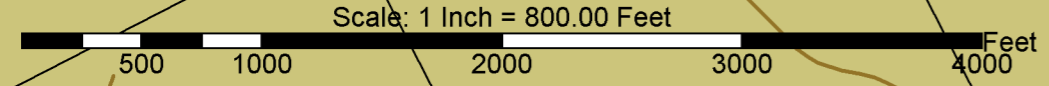
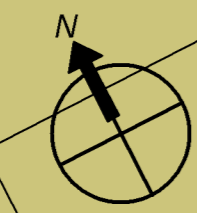
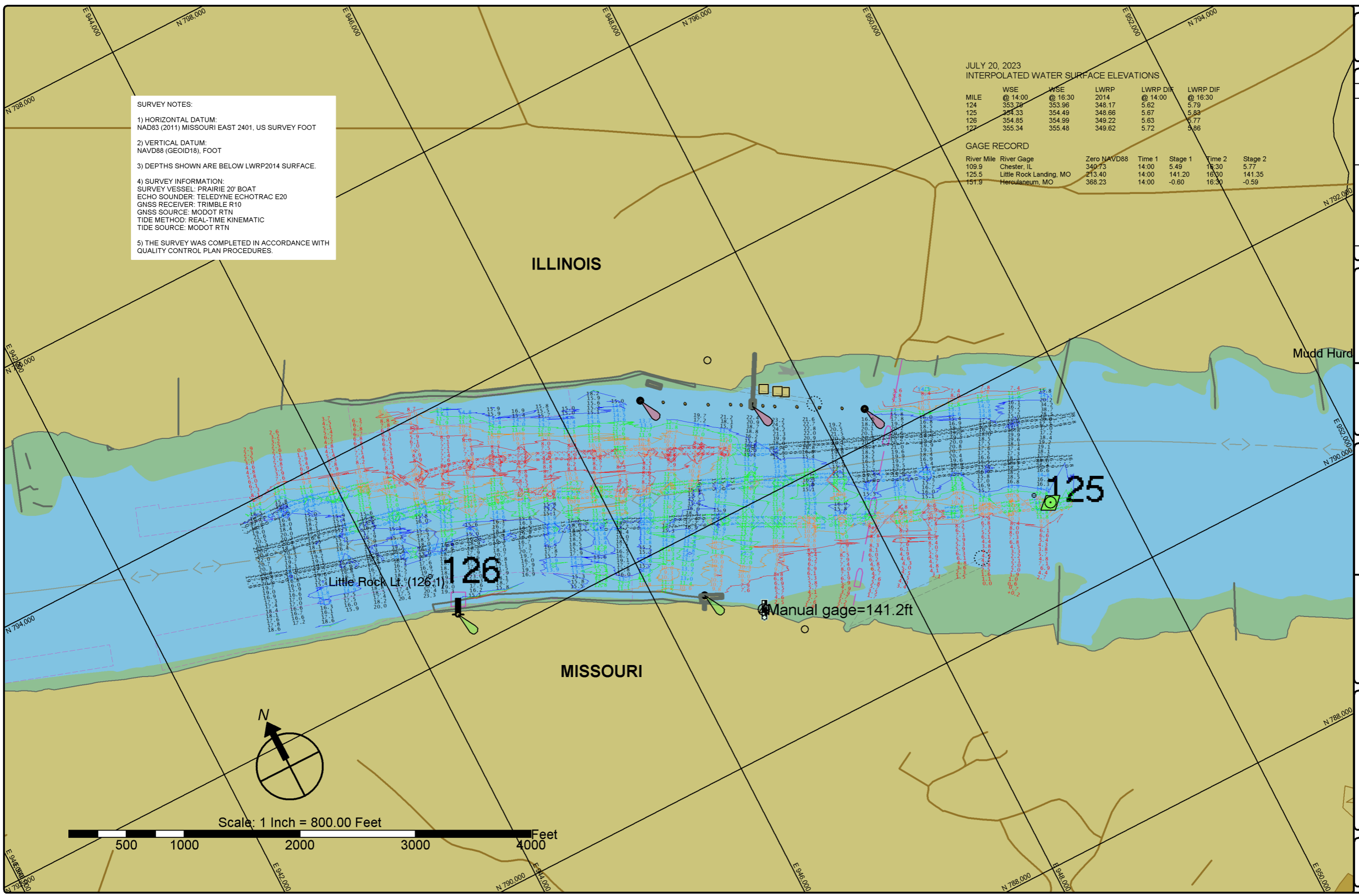
- 1) HORIZONTAL DATUM:  
NAD83 (2011) MISSOURI EAST 2401, US SURVEY FOOT
- 2) VERTICAL DATUM:  
NAVD88 (GEOD18), FOOT
- 3) DEPTHS SHOWN ARE BELOW LWRP2014 SURFACE.
- 4) SURVEY INFORMATION:  
SURVEY VESSEL: PRAIRIE 20' BOAT  
ECHO SOUNDER: TELEDYNE ECHOTRAC E20  
GNSS RECEIVER: TRIMBLE R10  
GNSS SOURCE: MODOT RTN  
TIDE METHOD: REAL-TIME KINEMATIC  
TIDE SOURCE: MODOT RTN
- 5) THE SURVEY WAS COMPLETED IN ACCORDANCE WITH  
QUALITY CONTROL PLAN PROCEDURES.

JULY 20, 2023  
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 14:00	WSE @ 16:30	LWRP 2014	LWRP DIF @ 14:00	LWRP DIF @ 16:30
124	353.78	353.96	348.17	5.62	5.79
125	354.33	354.48	348.86	5.67	5.83
126	354.85	354.99	349.22	5.63	5.77
127	355.34	355.48	349.62	5.72	5.86

**GAGE RECORD**

River Mile	River Gage	Zero NAVD88	Time 1	Stage 1	Time 2	Stage 2
109.9	Chester, IL	340.73	14:00	5.49	16:30	5.77
125.5	Little Rock Landing, MO	213.40	14:00	141.20	16:30	141.35
151.9	Heroulanum, MO	368.23	14:00	-0.60	16:30	-0.59




DATE OF SURVEY: JULY 20, 2023  
FILE NO.: 125G2023  
REQUEST NO.: W912P023F086

SCALE: 1" = 800' (ANSI B)  
FIELD BOOKS:  

Approved: FIELD CARTOGRAPHER  
Approved: CIVIL ENGINEERING TECHNICIAN  
Approved: ASST. CHIEF OF SURVEY  
Approved: CHIEF OF SURVEY  
Date:  

J.S. ARMY CORPS OF ENGINEERS  
ST. LOUIS DISTRICT  
SURVEYED BY:    
PROCESSED BY:    
BOYEN ENGINEERING AND SURVEYING, P.C.

UPPER MISSISSIPPI RIVER  
BASIN  
MISSISSIPPI RIVER  
PRE DREDGE SURVEY  
RIVER MILES 126.3 - 124.9

SHEET NO.    
1 OF 1