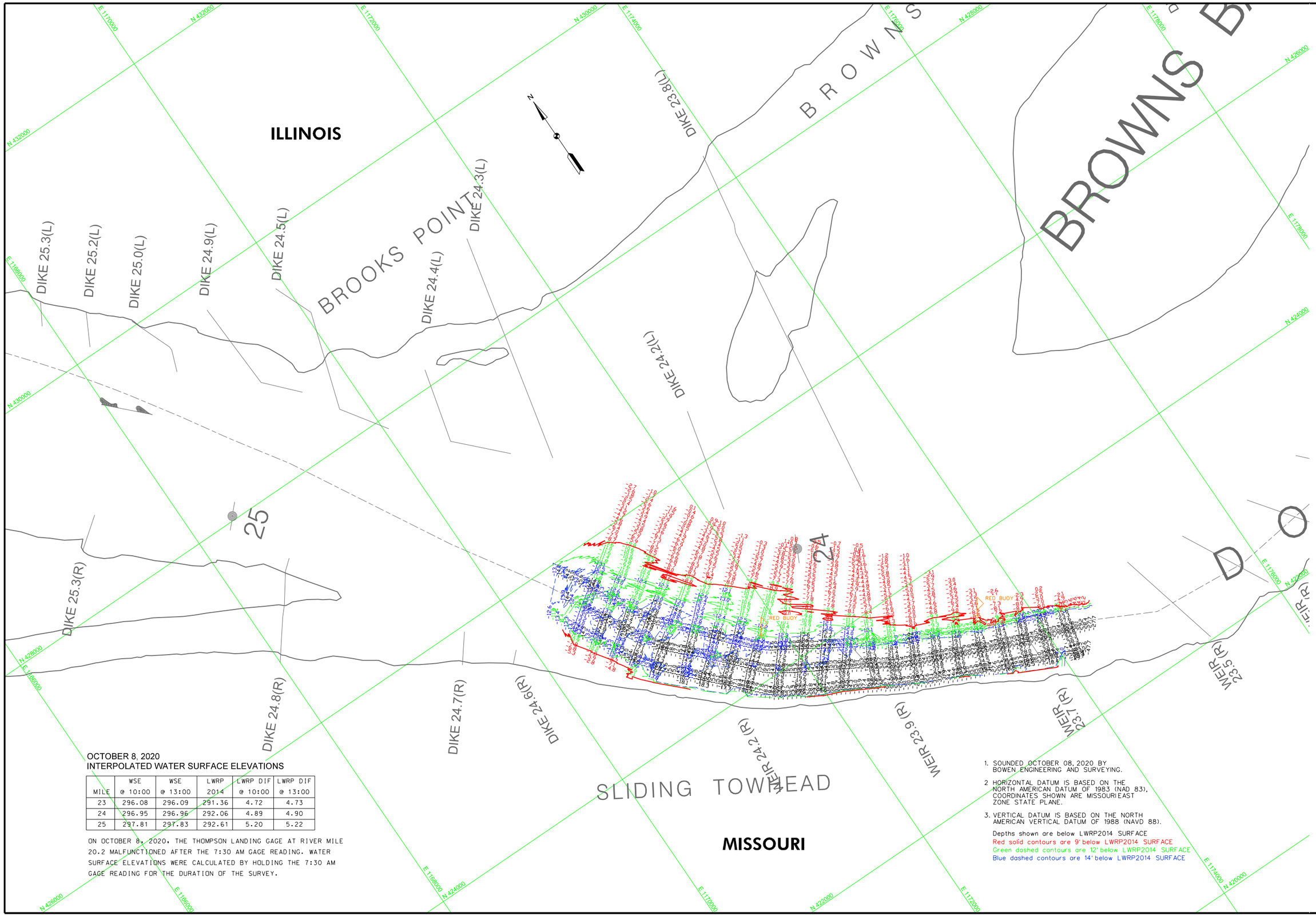


OCTOBER 8, 2020
INTERPOLATED WATER SURFACE ELEVATIONS

| MILE | WSE @ 10:00 | WSE @ 13:00 | LWRP 2014 | LWRP DIF @ 10:00 | LWRP DIF @ 13:00 |
|---|---|---|---|---|---|
| 23 | 296.08 | 296.09 | 291.36 | 4.72 | 4.73 |
| 24 | 296.95 | 296.96 | 292.06 | 4.89 | 4.90 |
| 25 | 297.81 | 297.83 | 292.61 | 5.20 | 5.22 |

ON OCTOBER 8, 2020, THE THOMPSON LANDING GAGE AT RIVER MILE 20.2 MALFUNCTIONED AFTER THE 7:30 AM GAGE READING. WATER SURFACE ELEVATIONS WERE CALCULATED BY HOLDING THE 7:30 AM GAGE READING FOR THE DURATION OF THE SURVEY.

1. SOUNDED OCTOBER 08, 2020 BY BOWEN ENGINEERING AND SURVEYING.
2. HORIZONTAL DATUM IS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD 83), COORDINATES SHOWN ARE MISSOURI EAST ZONE STATE PLANE.
3. VERTICAL DATUM IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

Depths shown are below LWRP2014 SURFACE
Red solid contours are 9' below LWRP2014 SURFACE
Green dashed contours are 12' below LWRP2014 SURFACE
Blue dashed contours are 14' below LWRP2014 SURFACE

US Army Corps of Engineers
St. Louis District

GAGE RECORD

| | COMMERCE, MO | PRICE'S LANDING | THOMPSON LANDING | BIRD'S POINT |
|---|---|---|---|---|
| ZERO N.A.V.D. | 301.60 | 298.95 | 279.03 | 273.91 |
| MILE | 39.5 | 28.2 | 20.2 | 2.0 |
| LWRP 2014 | 301.12 | 294.38 | 289.54 | 280.38 |
| 08 OCT 2020 | 5.87(10:00) 5.96(13:00) | 1.63(10:00) 1.66(13:00) | 14.53(7:30) | x |

U.S. ARMY ENGINEER DIVISION
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

Surveyed by: BOWEN ENGINEERING
Survey Date: OCTOBER 8, 2020
Drawn by: X
Reviewed by: X
Ckd by: X
SUBMITTED: X
APPROVED: X
File name: ##########.EDP/PLATE/PLATE##
Plot date: ##########

120 0 120 240 METERS
400 0 400 800 FEET

THE INFORMATION REPORTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON INDICATED DATES AND IS SUBJECT TO CHANGE AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

PRE DREDGE SURVEY
RIVER MILES 24.3 – 23.7

PLATE NUMBER
XX
SHEET 1 OF 1