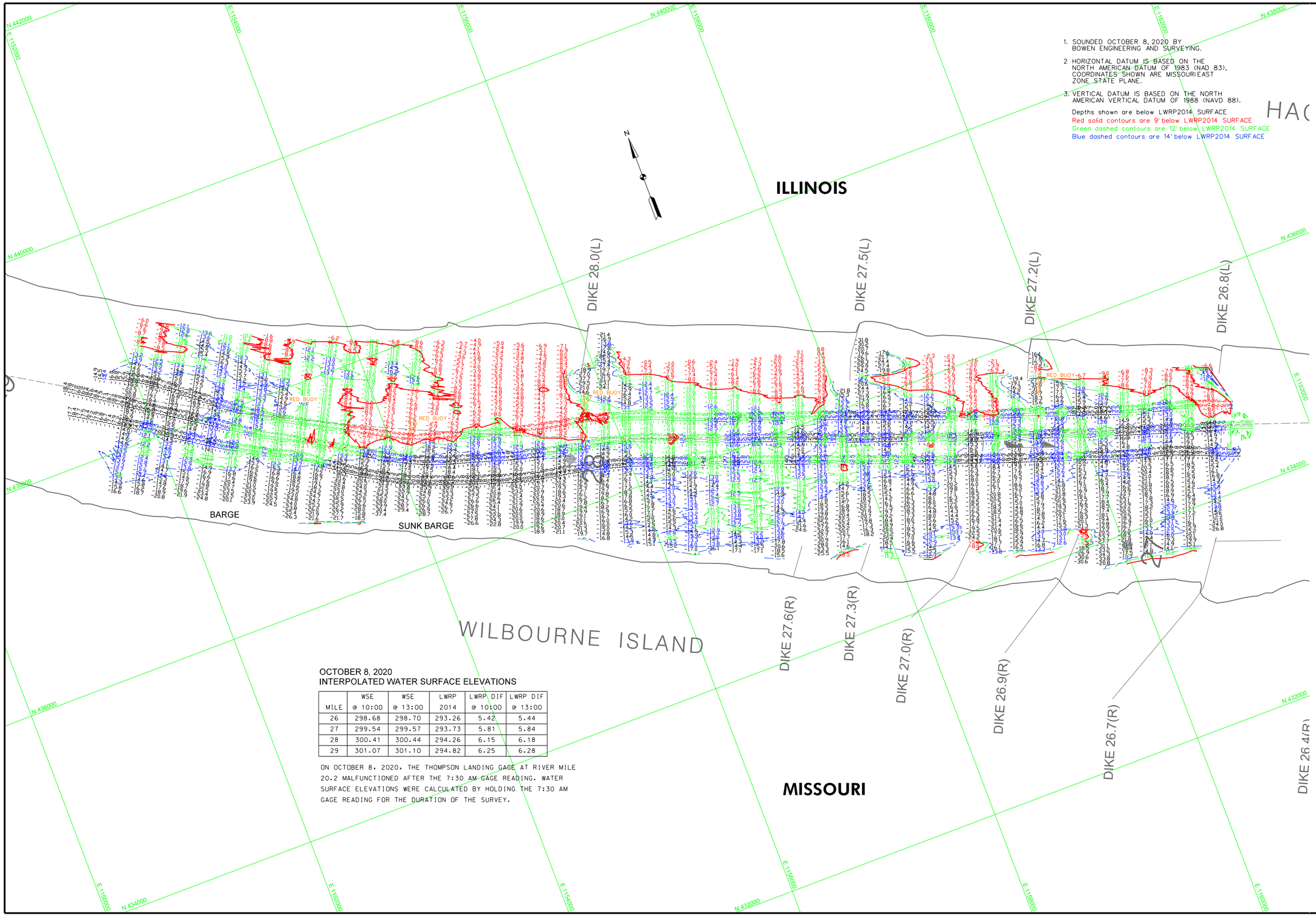

1. SOUNDED OCTOBER 8, 2020 BY BOWEN ENGINEERING AND SURVEYING.
2. HORIZONTAL DATUM IS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD 83), COORDINATES SHOWN ARE MISSOURI EAST ZONE STATE PLANE.
3. VERTICAL DATUM IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

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

OCTOBER 8, 2020
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 10:00	WSE @ 13:00	LWRP 2014	LWRP DIF @ 10:00	LWRP DIF @ 13:00
26	298.68	298.70	293.26	5.42	5.44
27	299.54	299.57	293.73	5.81	5.84
28	300.41	300.44	294.26	6.15	6.18
29	301.07	301.10	294.82	6.25	6.28

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.

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

Surveyed by: BOWEN ENGINEERING
Survey Date: OCTOBER 8, 2020
Drawn by: X
Reviewed by: X
Ckd by: X
SUBMITTED: X
APPROVED: X
File name: 88881PRESURVEY-DEPRECIATION-PLATE-NUMBER
Plot date: 88881PRESURVEY-DEPRECIATION-PLATE-NUMBER

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

240 METERS
800 FEET
120 0 120
0 400 400

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE AT THE TIME AND DATE INDICATED AND IS INTENDED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

PRE DREDGE SURVEY

RIVER MILES 28.7 – 26.9

PLATE NUMBER
XX
SHEET 1 OF 1