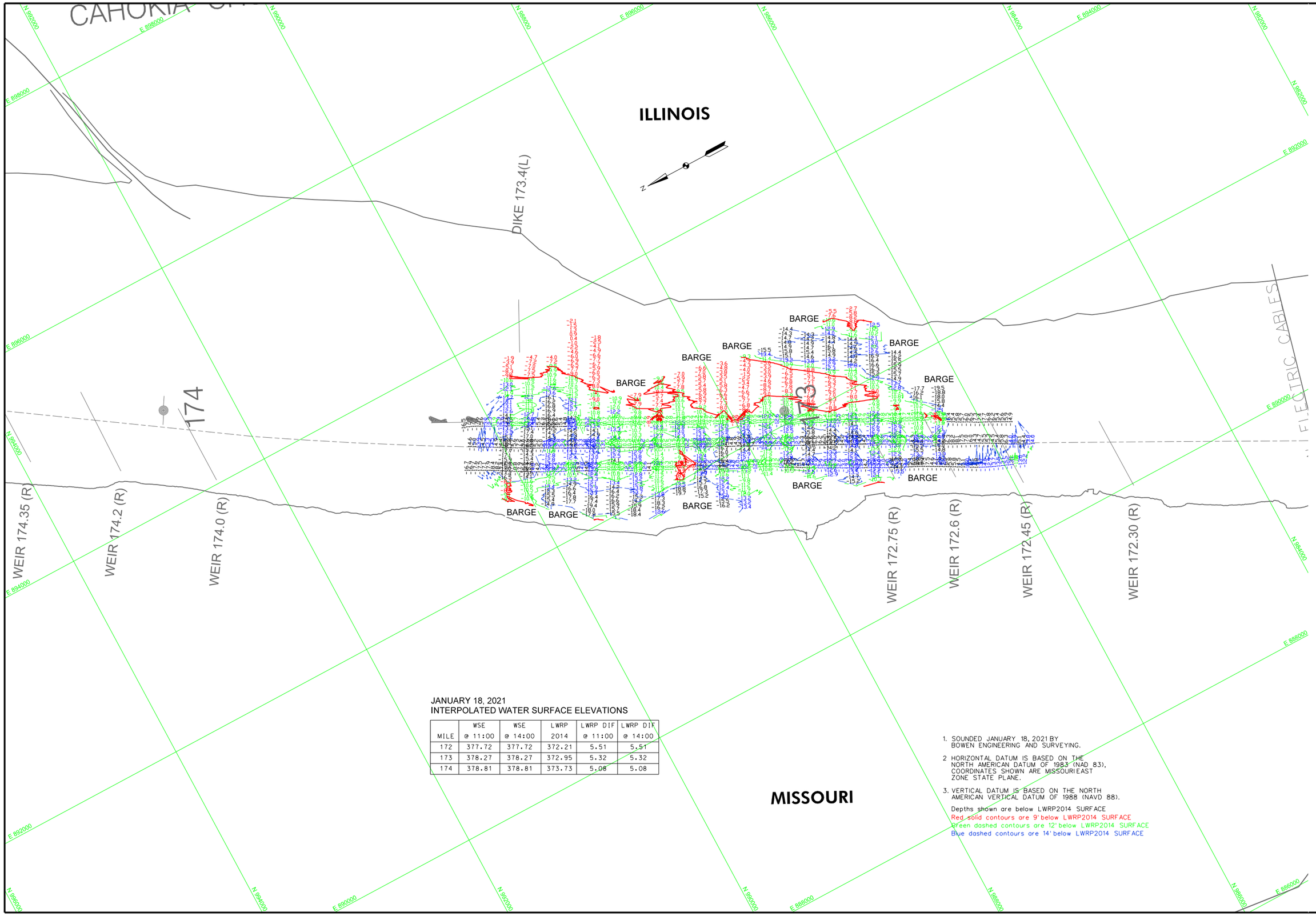

JANUARY 18, 2021
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 11:00	WSE @ 14:00	LWRP 2014	LWRP DIF @ 11:00	LWRP DIF @ 14:00
172	377.72	377.72	372.21	5.51	5.51
173	378.27	378.27	372.95	5.32	5.32
174	378.81	378.81	373.73	5.08	5.08

1. SOUNDED JANUARY 18, 2021 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

	ST. LOUIS, MO	JEFFERSON BARRACKS	HERCULANEUM, MO	CHESTER, IL
ZERO N.A.V.D.	379.58	377.34	368.23	340.73
MILE	180.0	168.70	151.9	109.9
LWRP 2014	376.38	369.63	-	340.33
18 JAN 2021	2.47(11:00) 2.47(14:00)	-1.40(12:00)	0.3(11:00) 0.3(14:00)	x

Surveyed by: BOWEN ENGINEERING
Survey Date: JANUARY 18, 2021
Ckd by: X
Drawn by: X
Reviewed by: X
APPROVED: X
SUBMITTED: X
File name: ###\SURVEY\PRE\PLATES\###
Plot date: ##/##/## 11:11 AM

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

240 METERS
800 FEET
0 0
120 400
THE INFORMATION REPRESENTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE BY BOWEN ENGINEERING AND SHOULD BE USED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

PRE DREDGE SURVEY
RIVER MILES 173.4 – 172.7

PLATE NUMBER
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