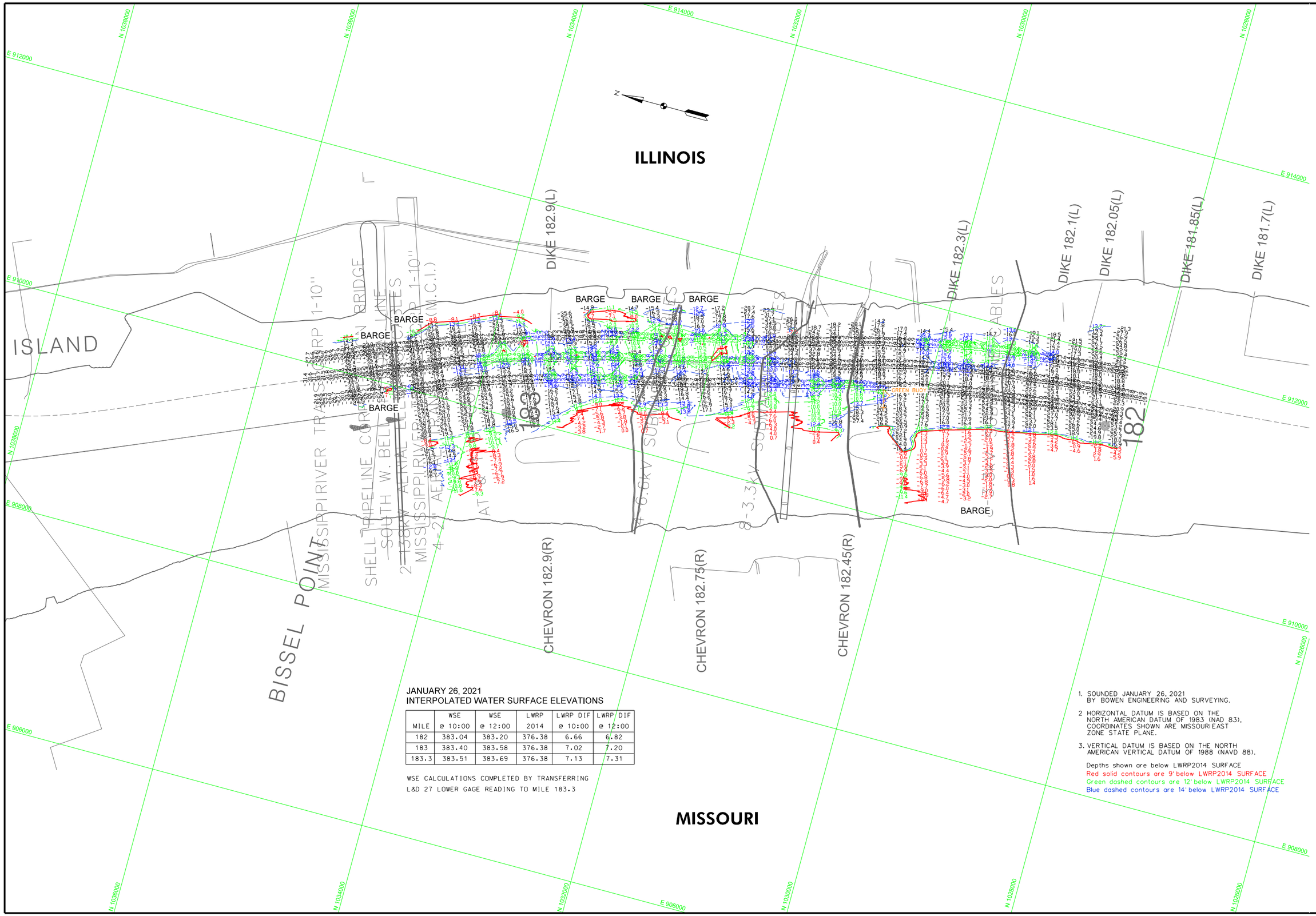

JANUARY 26, 2021
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 10:00	WSE @ 12:00	LWRP 2014	LWRP DIF @ 10:00	LWRP DIF @ 12:00
182	383.04	383.20	376.38	6.66	6.82
183	383.40	383.58	376.38	7.02	7.20
183.3	383.51	383.69	376.38	7.13	7.31

WSE CALCULATIONS COMPLETED BY TRANSFERRING L&D 27 LOWER GAGE READING TO MILE 183.3

1. SOUNDED JANUARY 26, 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

	L&D 27 LOWER	ST. LOUIS, MO	JEFFERSON BARRACKS	CHESTER, IL
ZERO N.A.V.D.	349.49	379.58	377.34	340.73
MILE	185.1	180.0	168.7	109.9
LWRP 2014	376.38	376.38	369.63	340.33
26 JAN 2021	34.02(10/00)	34.20(12/00)	2.74(10/00)	2.87(12/00)

Surveyed by: BOWEN ENGINEERING
Survey Date: JANUARY 26, 2021
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: $$$$DATE TIME$$$$
File name: $$$$DESIGN$$$$ $$$$PCP$$$$

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

120 0 120 240 METERS
400 0 400 800 FEET

THE INFORMATION REPORTED IN THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE IN WATER AREAS. THE SURVEYS ARE REPORTED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

PRE DREDGE SURVEY
RIVER MILES 183.2 – 182.0

PLATE NUMBER
XX