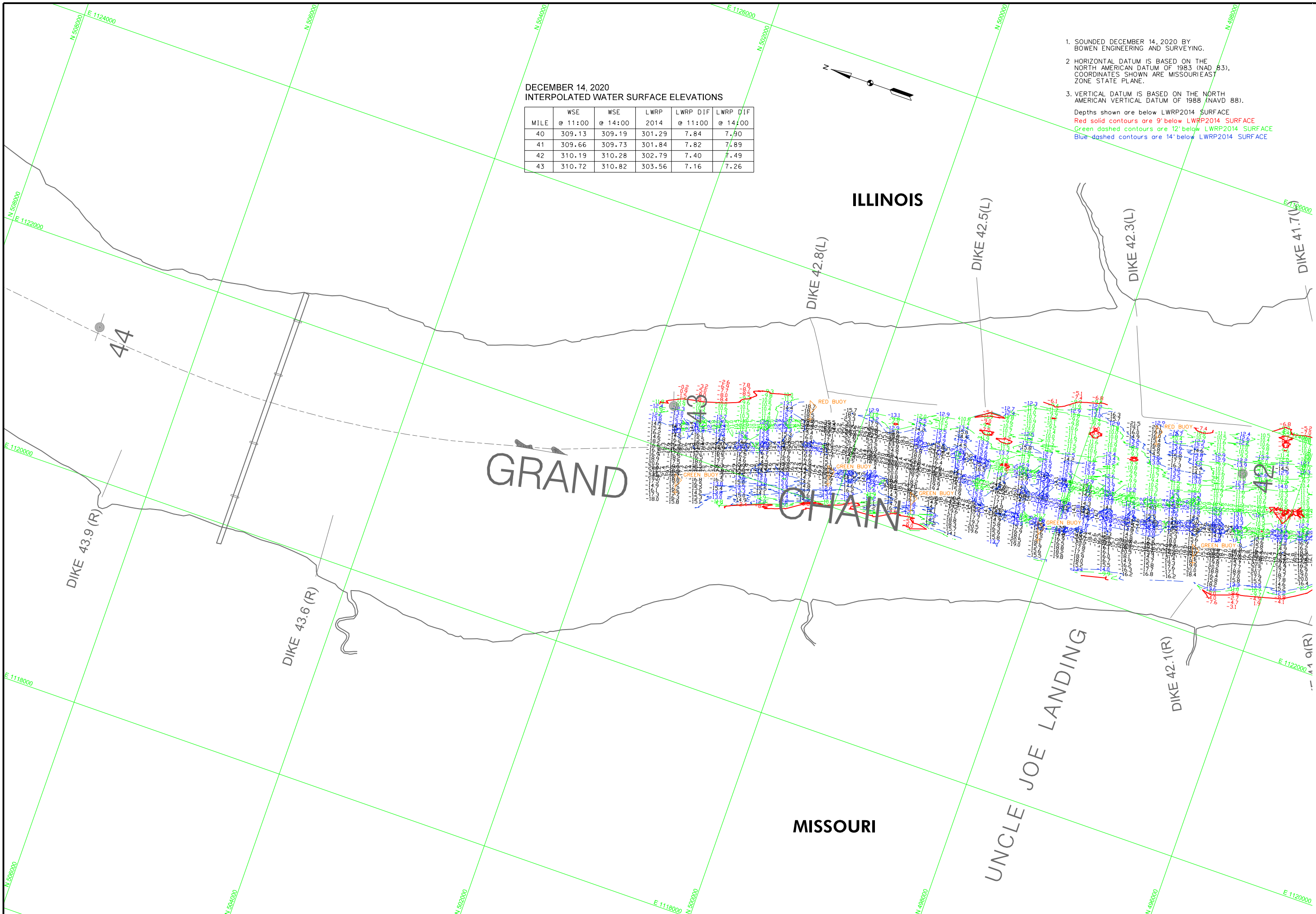



DECEMBER 14, 2020
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE		LWRP 2014	LWRP DIF	
	@ 11:00	@ 14:00		@ 11:00	@ 14:00
40	309.13	309.19	301.29	7.84	7.90
41	309.66	309.73	301.84	7.82	7.89
42	310.19	310.28	302.79	7.40	7.49
43	310.72	310.82	303.56	7.16	7.26

1. SOUNDED DECEMBER 14, 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

CAPE RECORD	COMMERCE NO	THEBES, L	DATE
CAPE GRADEAL NO	304.37	300.79	299.71
ZERO N.A.V.D. MILE	52.1	46.3	43.7
LWRP 2014 MILE	309.62	305.81	304.61
H. DEC 2020	X	X	X

SURVEYED BY BOWEN ENGINEERING	SURVEY DATE DECEMBER 14, 2020	DRAWN BY A
REVIEWED BY X	APPROVED BY X	FILE NAME #BX0101E (11/18/14)

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	UPPER MISSISSIPPI RIVER BASIN MISSISSIPPI RIVER
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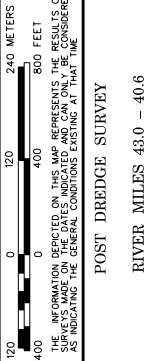
 <p>THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY CONDUCTED UNDER THE GENERAL CONDITIONS SPECIFIED IN THE CONTRACT DOCUMENTS AND IS NOT TO BE USED FOR ANY OTHER PURPOSE.</p>	POST DREDGE SURVEY RIVER MILES 43.0 - 40.6
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PLATE NUMBER XX SHEET 1 OF 2
