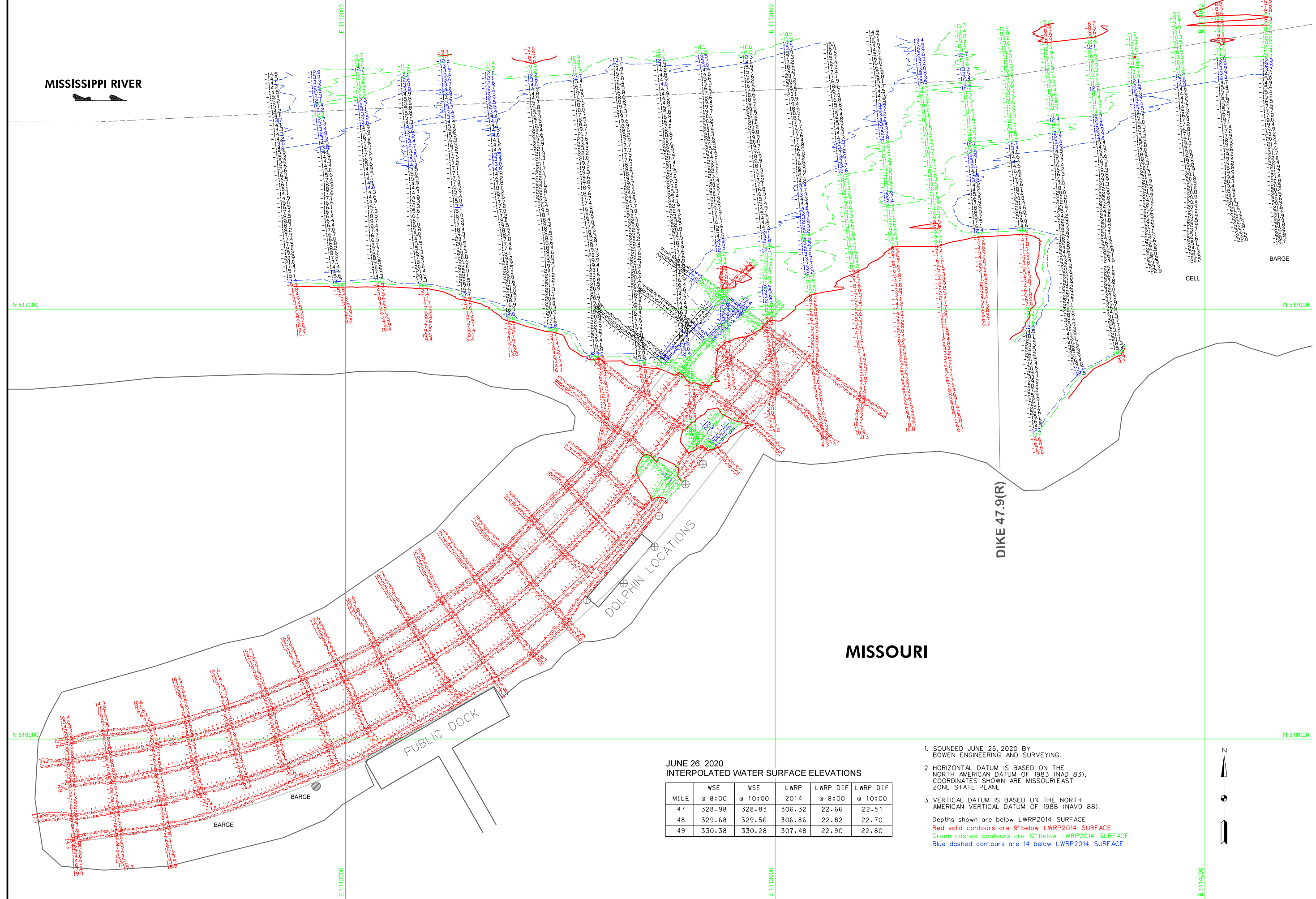


MISSISSIPPI RIVER



JUNE 26, 2020
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE		LWRP 2014	LWRP DIF	
	@ 8:00	@ 10:00		@ 8:00	@ 10:00
47	328.98	328.83	306.32	22.66	22.51
48	329.68	329.56	306.86	22.82	22.70
49	330.38	330.28	307.48	22.90	22.80

1. SOUNDED JUNE 26, 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



GAGE RECORD	
CAPE GRANDEAL. NO.	304.27
GRAY'S POINT. MO.	300.79
HERBES. IL.	299.71
COMERGE. MO.	01.60
ZERO N.A.V.D.	46.3
MILE	52.1
LWRP 2014	309.62
305.81	304.61
301.12	X
26 JUN 2020 28.2848-001 28.2410-001 27.7086-001 27.5410-001	X

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	
Surveyed by: BOWEN ENGINEERING	Survey Date: JUNE 26, 2020
Drawn by: X	Reviewed by: X
Submitted: X	APPROVED: X
Plot date: #88801016 04/28/2020	Plot name: #88801016 04/28/2020
UPPER MISSISSIPPI RIVER BASIN MISSISSIPPI RIVER SEMO PORT	

60 METERS
30
0
30
60
100
200 FEET

PRE DRUDGE SURVEY
RIVER MILES 48.2 - 47.8
SEMO PORT

PLATE NUMBER
XX