

1. SOUNDED SEPTEMBER 21, 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

SEPTEMBER 21, 2020
 INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE		LWRP 2014	LWRP DIF	
	@ 9:00	@ 13:00		@ 9:00	@ 13:00
101	343.31	343.30	335.47	7.84	7.83
102	343.89	343.89	336.01	7.88	7.88
103	344.47	344.47	336.59	7.88	7.88
104	345.05	345.06	337.21	7.84	7.85



ZERO N.A.V.D. MILE	LWRP 2014	21 SEP 2020	GAGE RECORD	
			CHESTER L	RED ROCK LANDING, MO
377.34	377.34	377.34	340.73	321.43
368.7	368.7	368.7	309.9	819
369.63	369.63	369.63	340.33	335.33
X	X	X	7.749(20) 7.81(1500)	10.939(20) 10.51(500)

Surveyed by: BOWEN ENGINEERING	Reviewed by: X	Checked by: X	Survey Date: SEPTEMBER 21, 2020
Drawn by: X	Submitted: X	Approved: X	Plot date: 08/25/2020 10:00:00 AM
U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI UPPER MISSISSIPPI RIVER BASIN MISSISSIPPI RIVER			

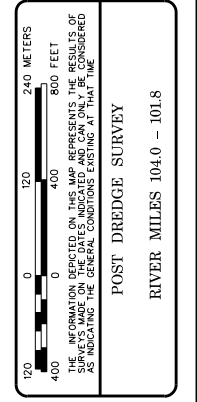


PLATE NUMBER
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 SHEET 1 OF 2