



1. SOUNDED DECEMBER 4, 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).

HAC

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

DECEMBER 4, 2020
 INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 10:00	WSE @ 12:00	LWRP 2014	LWRP DIF @ 10:00	LWRP DIF @ 12:00
27	305.20	305.16	293.73	11.47	11.43
28	306.12	306.08	294.26	11.86	11.82
29	306.78	306.74	294.82	11.96	11.92

US Army Corps of Engineers
St. Louis District

COMMERCE NO	PRECEDS. LANDING	THOMPSON LANDING	BIRDS POINT
10160	298.95	279.03	273.91
39.5	28.2	20.2	2.0
30112	264.38	269.54	260.38
04 DEC 2020	11.431800D 14.212200	7.351800D 7.312200	19.910000D 19.812200

Surveyed by: BOWEN ENGINEERING	Survey Date: DECEMBER 4, 2020	Reviewed by: X	Ctd by: X
Drawn by: X	Submitted: X	Approved: X	Plot date: ##/##/##

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

UPPER MISSISSIPPI RIVER BASIN
 MISSISSIPPI RIVER

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYING AND IS NOT TO BE USED AS A BASIS FOR DESIGN OR AS INDICATING THE GENERAL CONDITIONS EXISTING IN THE FIELD.

POST DREDGE SURVEY
 RIVER MILES 28.7 - 27.2

PLATE NUMBER
 XX
 SHEET 1 OF 1