



US Army Corps of Engineers
St. Louis District

1. SOUNDED JANUARY 8, 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).

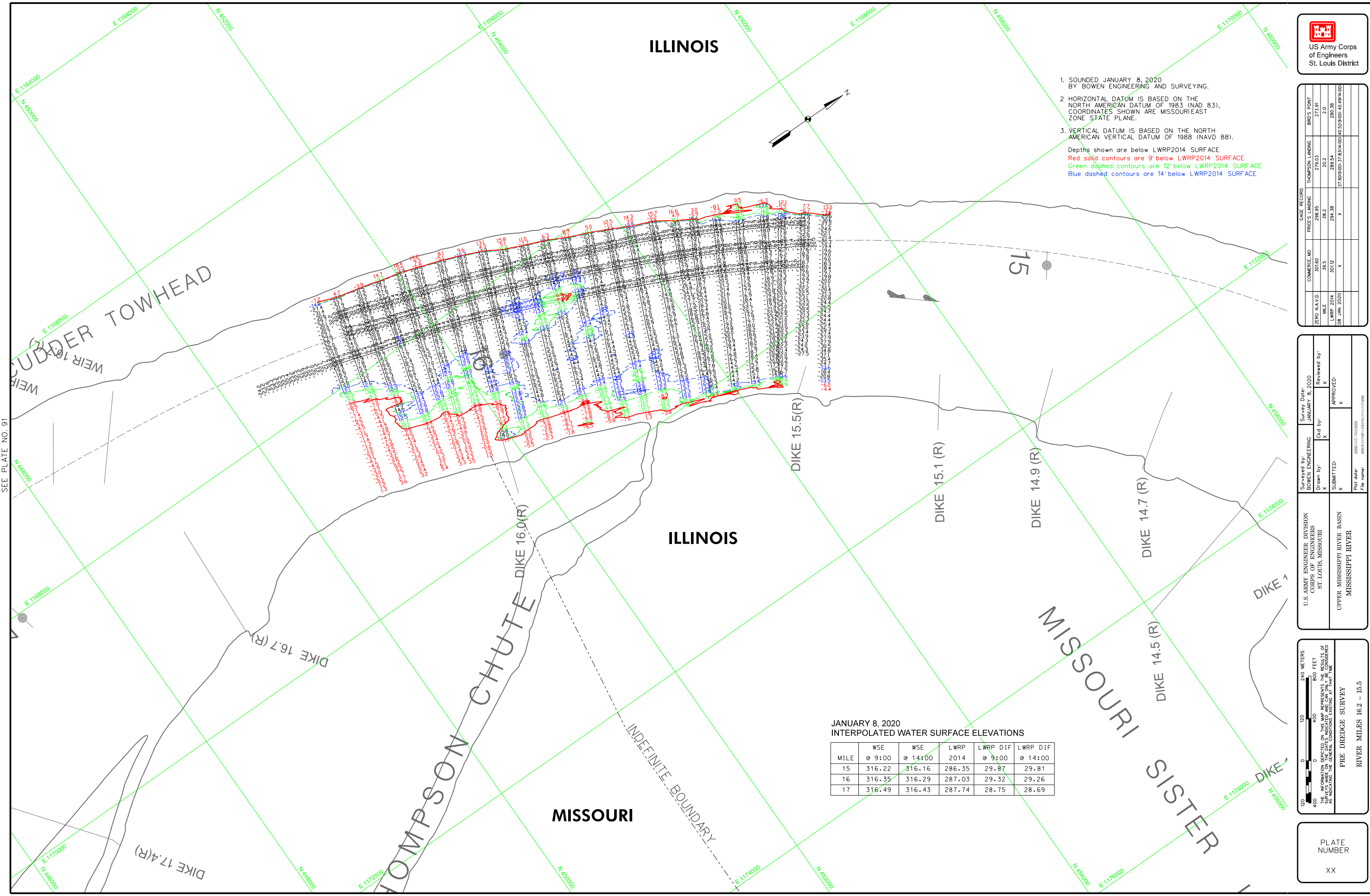
Depths shown are below LWRP2014 SURFACE
 Red solid contours are 9' below LWRP2014 SURFACE
 Green dashed contours are 12' below LWRP2014 SURFACE
 Blue dashed contours are 14' below LWRP2014 SURFACE

COMMERCE NO	PRECEDENCE	THOMPSON LANDING	BIRDS POINT
10160	288.95	279.03	273.91
39.5	28.2	20.2	2.0
3012	294.38	289.54	280.38
08 JAN 2020	X	X	X
		37.809(00) 37.814(00) 40.519(00) 40.814(00)	

U.S. ARMY ENGINEER DIVISION	Survey Date	Reviewed by
CORPS OF ENGINEERS	JANUARY 8, 2020	
ST. LOUIS, MISSOURI	Drawn by	Checked by
UPPER MISSISSIPPI RIVER BASIN	X	X
MISSISSIPPI RIVER	SUBMITTED	APPROVED
	X	X

PRE DREDGE SURVEY	RIVER MILES 16.2 - 15.5
240 METERS	
800 FEET	
400	
0	

PLATE NUMBER
XX



JANUARY 8, 2020
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 14:00	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 14:00
15	316.22	316.16	286.35	29.87	29.81
16	316.35	316.29	287.03	29.32	29.26
17	316.49	316.43	287.74	28.75	28.69

SEE PLATE NO. 91

DIKE 17.4 (R)

BUDDER TOWHEAD
WEIR 10.0
WEIR 10.0

MISSOURI

ILLINOIS

ILLINOIS

THOMPSON CHUTE
DIKE 16.0 (R)

INDEFINITE BOUNDARY

MISSOURI SISTER
DIKE 14.5 (R)

DIKE 1