



1. SOUNDED OCTOBER 15, 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

COMMERCE NO	BIRDS POINT
10160	273.91
3012	270.0
3012	280.38
X	1108950 (UNIDENTIFIED)

Survey Date	Reviewed by
OCTOBER 15, 2020	X

  

Drawn by	Checked by	Submitted by	Approved by
X	X	X	X

U.S. ARMY ENGINEER DIVISION	PREPARED BY
CORPS OF ENGINEERS	PRE DREDGE SURVEY
ST. LOUIS, MISSOURI	RIVER MILES 16.2 - 15.0
UPPER MISSISSIPPI RIVER BASIN	
MISSISSIPPI RIVER	

PLATE NUMBER  
XX  
SHEET 1 OF 1

OCTOBER 15, 2020  
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 11:00	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 11:00
15	292.47	292.46	286.35	6.12	6.11
16	293.05	293.03	287.03	6.02	6.00
17	293.63	293.61	287.74	5.89	5.87

SEE PLATE NO. 91

1:20 METERS  
0 400 800 FEET  
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.