

ILLINOIS

MISSOURI

HORSE ISLAND

KLONDIKE LANDING

DIKE 111.4(L)

DIKE 111.1(L)

DIKE 111.45(R)

DIKE 111.35(R)

DIKE 111.3(R)

DIKE 111.1(R)

DIKE 111.0(R)

DIKE 110.9(R)

DIKE 110.5(R)

DIKE 110.4(R)


DIKE 110.2(R)

MOBIL PIPELINE BRIDGE

1. SOUNDED DECEMBER 30, 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

DECEMBER 30, 2020  
 INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE		LWRP 2014	LWRP DIF	
	@ 11:00	@ 14:30		@ 11:00	@ 14:30
109	342.83	342.82	340.13	2.70	2.69
110	343.44	343.43	340.55	2.89	2.88
111	343.95	343.94	341.05	2.90	2.89
112	344.46	344.45	341.52	2.94	2.93



**US Army Corps of Engineers**  
St. Louis District

ST. LOUIS, MO	JEFFERSON BARRACKS	CHESTER L	RED ROCK LANDING, MO
379.58	377.34	340.73	328.38
MILE	180.0	98.7	94.1
LWRP 2014	376.38	369.63	330.69
30 DEC 2020	-0.511020	-0.311430	5.2411030
		X	

Surveyed by: BOWEN ENGINEERING	Survey Date: DECEMBER 30, 2020	Reviewed by:	
Drawn by: X	Ctd by: X	APPROVED:	
SUBMITTED: X			
Plot date: 12/30/2020 10:58:58 AM		File name: 111.4-109.9.dwg	

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	PRE DREDGE SURVEY
UPPER MISSISSIPPI RIVER BASIN MISSISSIPPI RIVER	RIVER MILES 111.4 - 109.9

1" = 240 METERS  
 1" = 800 FEET  
 THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY CONDUCTED UNDER THE GENERAL CONDITIONS SET FORTH IN THE GENERAL CONDITIONS OF CONTRACT.

PLATE NUMBER  
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