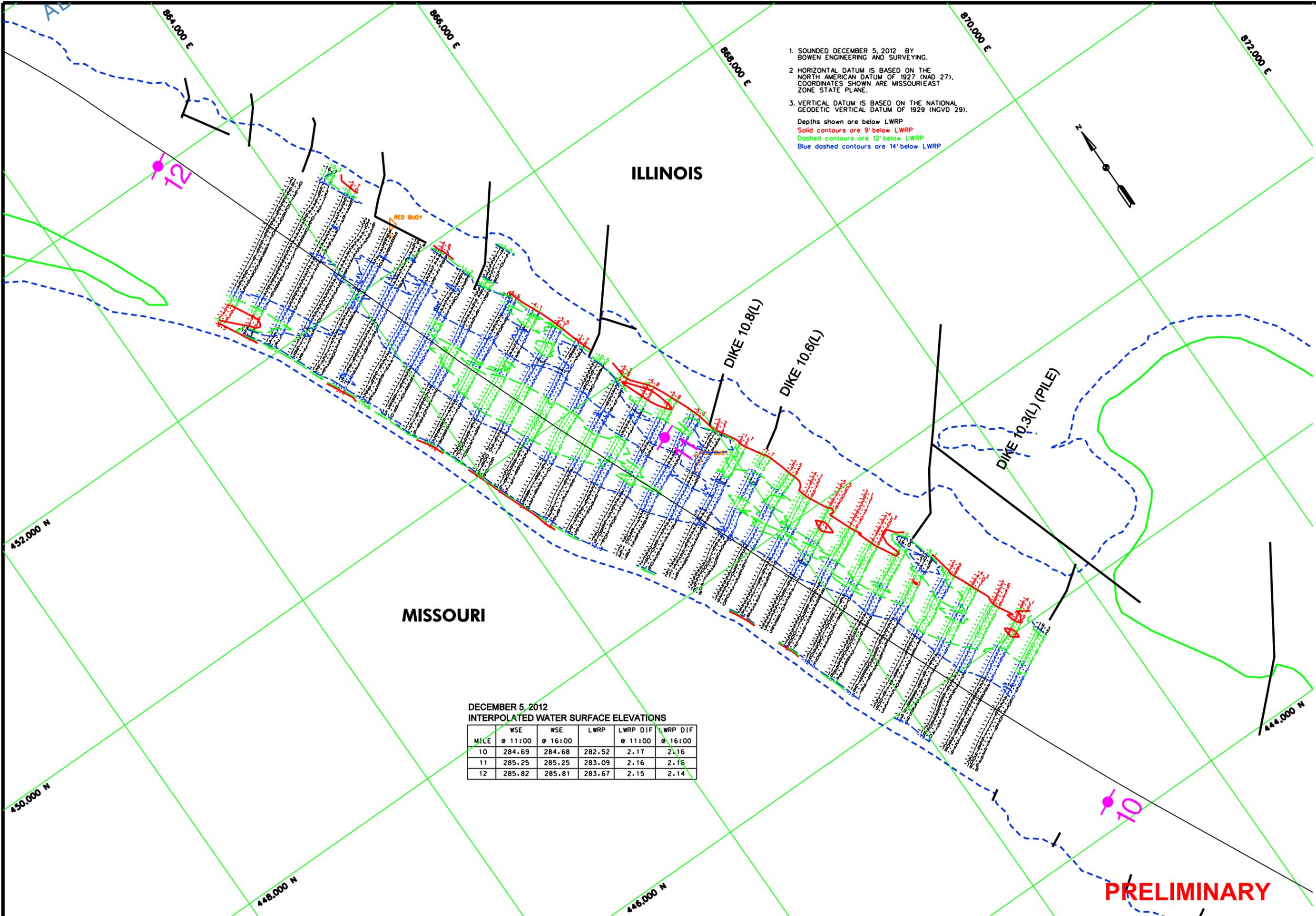




US Army Corps of Engineers
St. Louis District

1. SOUNDED DECEMBER 5, 2012 BY BOWEN ENGINEERING AND SURVEYING.
2. HORIZONTAL DATUM IS BASED ON THE NORTH AMERICAN DATUM OF 1927 (NAD 27). COORDINATES SHOWN ARE MISSOURIEAST ZONE STATE PLANE.
3. VERTICAL DATUM IS BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29).

Depths shown are below LWRP
 Solid contours are 9' below LWRP
 Dashed contours are 12' below LWRP
 Blue dashed contours are 14' below LWRP



DECEMBER 5, 2012
 INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE		LWRP	LWRP DIF	
	@ 11:00	@ 16:00		@ 11:00	@ 16:00
10	284.69	284.68	282.52	2.17	2.16
11	285.25	285.25	283.09	2.16	2.16
12	285.82	285.81	283.67	2.15	2.14

CASE RECORD	
BROD'S POINT	PRICE'S LANDING
274.53	293.73
2.0	28.2
277.9	283.1
5.84(100) 5.85(800)	-1.79(100) -4.82(800)
05 DEC 2012	

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	
UPPER MISSISSIPPI RIVER BASIN	MISSISSIPPI RIVER
Survey Date: DECEMBER 5, 2012	Reviewed by: [Signature]
Drawn by: [Signature]	Checked by: [Signature]
Submitted: [Signature]	Approved: [Signature]
Chief, Eng. Data Mgmt. Sect.	Chief, Geospatial Branch
Plot Date: [Date]	Plot Name: [Name]

240 METERS
 800 FEET
 400 FEET
 0 FEET

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY CONDUCTED UNDER THE GENERAL CONDITIONS SET FORTH IN THE PRE DREDGE SURVEY RIVER MILES 11.7 - 10.3

PLATE NUMBER
 XX

PRELIMINARY