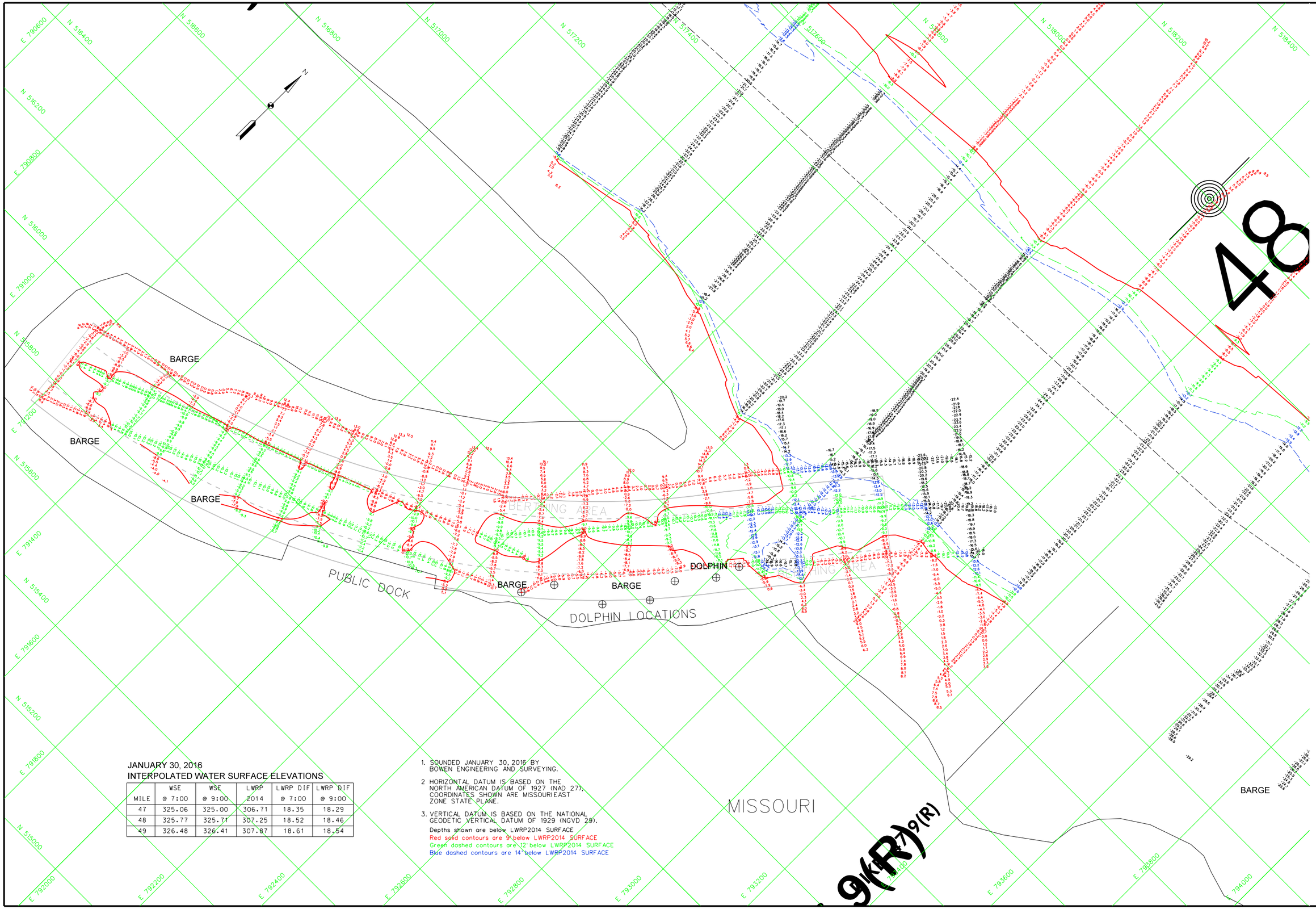


JANUARY 30, 2016
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 7:00	WSE @ 9:00	LWRP 2014	LWRP DIF @ 7:00	LWRP DIF @ 9:00
47	325.06	325.00	306.71	18.35	18.29
48	325.77	325.71	307.25	18.52	18.46
49	326.48	326.41	307.87	18.61	18.54

1. SOUNDED JANUARY 30, 2016 BY BOWEN ENGINEERING AND SURVEYING.
2. HORIZONTAL DATUM IS BASED ON THE NORTH AMERICAN DATUM OF 1927 (NAD 27). COORDINATES SHOWN ARE MISSOURI EAST ZONE STATE PLANE.
3. VERTICAL DATUM IS BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29).

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

GAGE RECORD

	GRAYS POINT, MO	CAPE GIRARDEAU, MO
ZERO N.G.V.D.	301.98	304.65
MILE	46.3	52.1
LWRP 2014	306.20	310.01
30 JAN 2016	23.367-001 23.339-001	23.987-001 23.949-001

Surveyed by: BOWEN ENGINEERING
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: 8888DATE YYMMDDHHMM
File name: 8888DESIGNFILEBASENAME

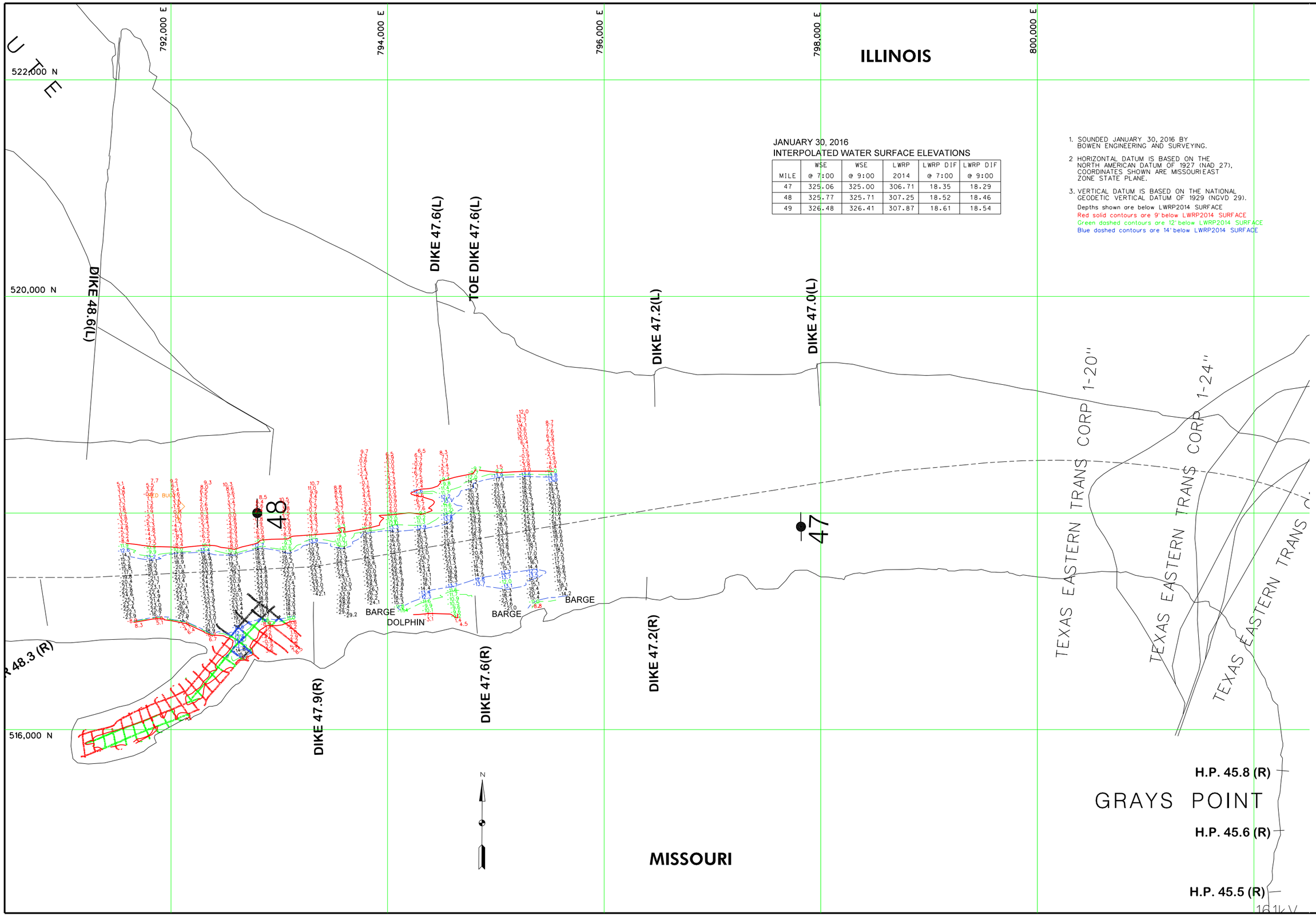
U.S. ARMY ENGINEER DIVISION
CORPS OF ENGINEERS
ST LOUIS, MISSOURI

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER
SEMO PORT

30 0 30 60 METERS
100 0 100 200 FEET
THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE AT THE TIME INDICATED AND MAY NOT BE ACCURATE AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

PRE DREDGE SURVEY
RIVER MILES 48.2 – 47.3
SEMO PORT

PLATE NUMBER
XX
SHEET 1 OF 2



JANUARY 30, 2016
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 7:00	WSE @ 9:00	LWRP 2014	LWRP DIF @ 7:00	LWRP DIF @ 9:00
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US Army Corps of Engineers
St. Louis District

GAGE RECORD

	GRAYS POINT, MO	CAPE GIRARDEAU, MO
ZERO N.G.V.D.	301.18	304.65
MILE	46.3	52.1
LWRP 2014	306.20	310.01
30 JAN 2016	23.367-000 23.339-000	23.987-000 23.949-000

Surveyed by: BOWEN ENGINEERING
Survey Date: JANUARY 30, 2016
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: 99999DATE TIME99999
File name: 99999DRAWING FILENAME99999

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

240 METERS 120 0 120 400
800 FEET 400 0 400 1200

THE INFORMATION REPORTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON INDICATED DATES AND IS SUBMITTED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

PRE DREDGE SURVEY
RIVER MILES 48.2 – 47.3
SEMO PORT

PLATE NUMBER
XX
SHEET 2 OF 2