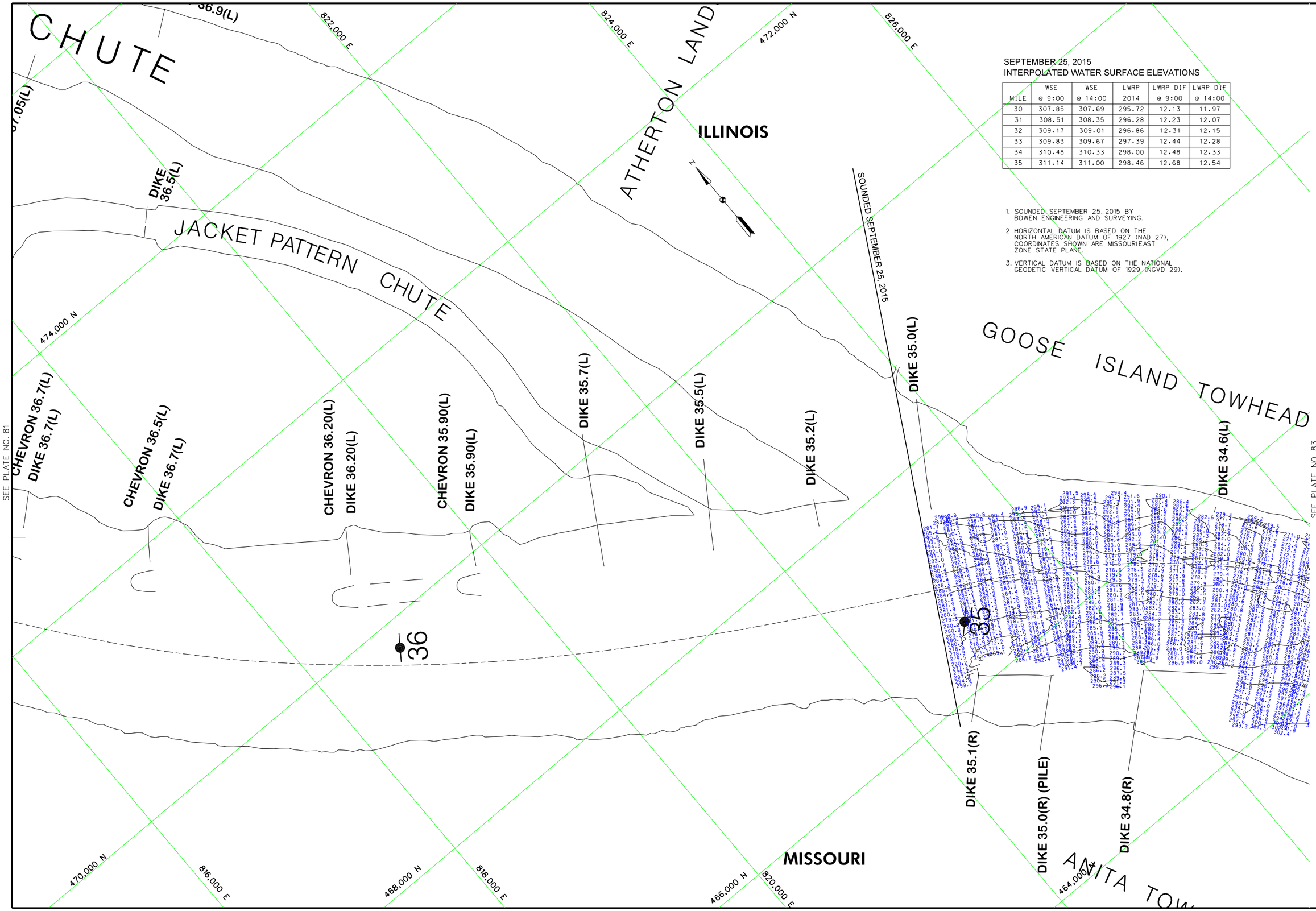


SEE PLATE NO. 81

SEE PLATE NO. 83

SEPTEMBER 25, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 14:00	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 14:00
30	307.85	307.69	295.72	12.13	11.97
31	308.51	308.35	296.28	12.23	12.07
32	309.17	309.01	296.86	12.31	12.15
33	309.83	309.67	297.39	12.44	12.28
34	310.48	310.33	298.00	12.48	12.33
35	311.14	311.00	298.46	12.68	12.54

1. SOUNDED SEPTEMBER 25, 2015 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).

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	THOMPSON LANDING	PRICE'S LANDING	COMMERCE, MO	THEBES, IL
ZERO N.G.V.D.	280.00	299.75	301.83	300.00
MILE	20.2	28.2	39.5	43.7
LWRP 2014	289.90	294.74	301.48	304.90
25 SEP 2015	x	6.92198001 6.75144001	12.27198001 12.14144001	x

Surveyed by: BOWEN ENGINEERING
Survey Date: SEPTEMBER 25, 2015
Drawn by: x
Ckd by: x
Reviewed by: x
SUBMITTED: x
APPROVED: x
Plot date: 99999DATE TIME99999
File name: 99999DRAWING99999

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

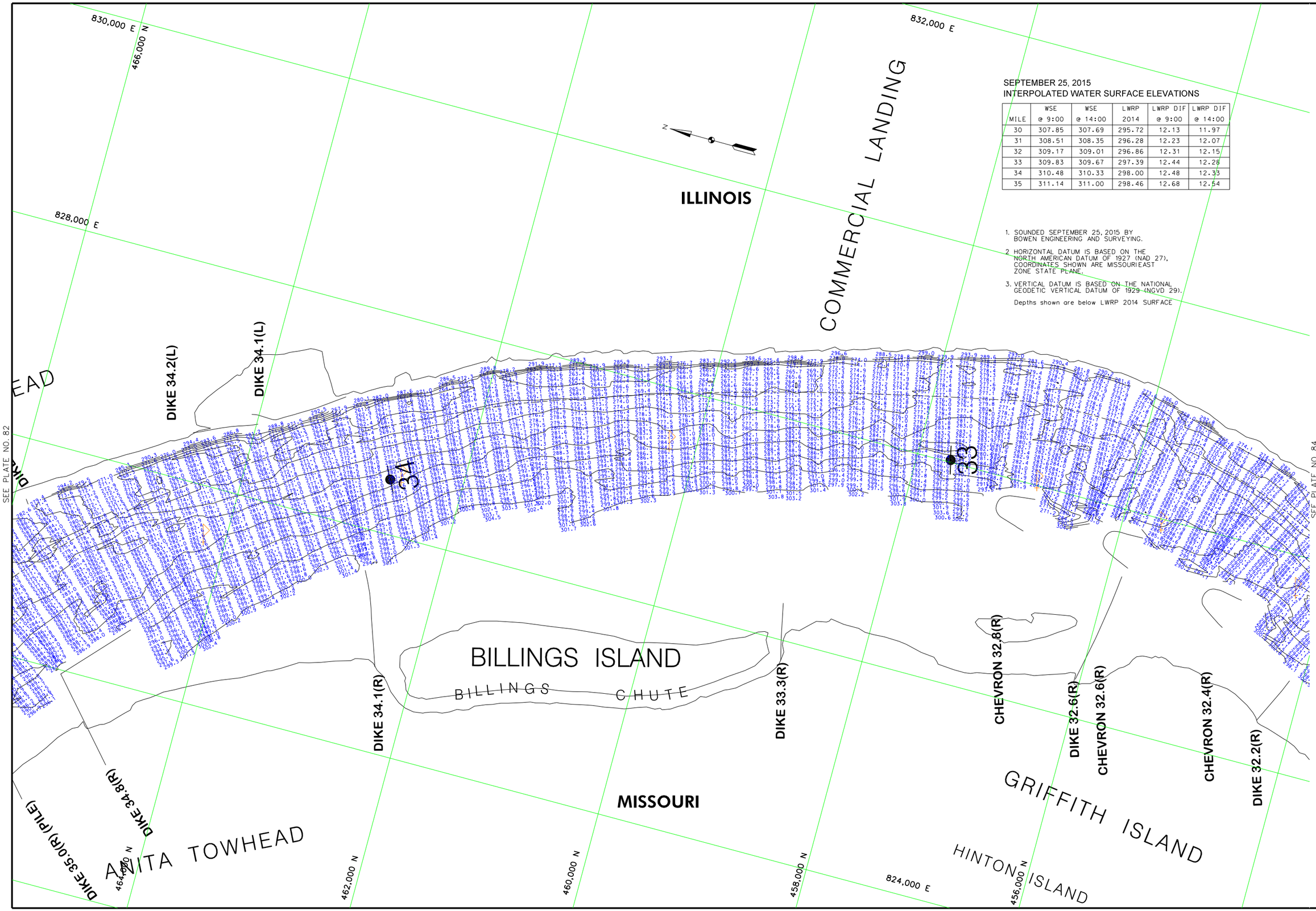
UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

HYDROGRAPHIC SURVEYS
RIVER MILES 34.5 – 36.5

240 METERS
800 FEET

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

PLATE NUMBER
82



SEPTEMBER 25, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 14:00	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 14:00
30	307.85	307.69	295.72	12.13	11.97
31	308.51	308.35	296.28	12.23	12.07
32	309.17	309.01	296.86	12.31	12.15
33	309.83	309.67	297.39	12.44	12.28
34	310.48	310.33	298.00	12.48	12.33
35	311.14	311.00	298.46	12.68	12.54

1. SOUNDED SEPTEMBER 25, 2015 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 2014 SURFACE

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	THOMPSON LANDING	PRICE'S LANDING	COMMERCE, MO	THEBES, IL
ZERO N.G.V.D.	280.00	299.75	301.83	300.00
MILE	20.2	28.2	39.5	43.7
LWRP 2014	289.90	294.74	301.48	304.90
25 SEP 2015	x	6.92(19:00) 6.75(14:00)	12.27(19:00) 12.14(14:00)	x

Survey Date: SEPTEMBER 25, 2015
Surveyed by: BOWEN ENGINEERING
Reviewed by: X
Drawn by: X
Ckd by: X
SUBMITTED: X
APPROVED: X
Plot date: ####/##/YY ##:##:##
File name: ####SEPTEMBER 25 2015 SURVEY.DGN

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

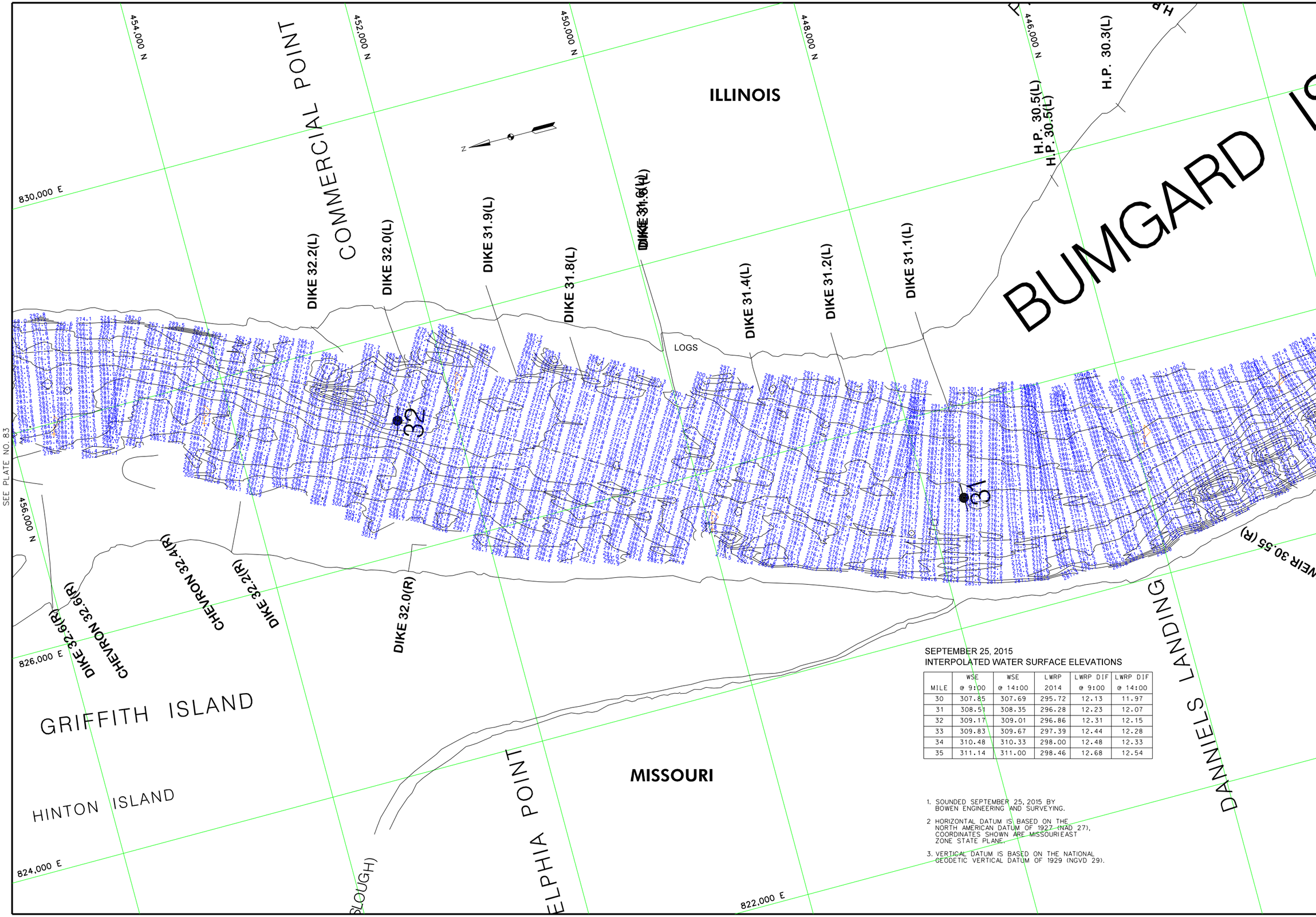
240 METERS
800 FEET
120 0 120 400
0 400

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED. IT MAY NOT BE ACCURATE AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

HYDROGRAPHIC SURVEYS

RIVER MILES 32.5 – 34.5

PLATE NUMBER
83



SEPTEMBER 25, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 14:00	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 14:00
30	307.85	307.69	295.72	12.13	11.97
31	308.51	308.35	296.28	12.23	12.07
32	309.17	309.01	296.86	12.31	12.15
33	309.83	309.67	297.39	12.44	12.28
34	310.48	310.33	298.00	12.48	12.33
35	311.14	311.00	298.46	12.68	12.54

1. SOUNDED SEPTEMBER 25, 2015 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).

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	THOMPSON LANDING	PRICE'S LANDING	COMMERCE, MO	THEBES, IL
ZERO N.G.V.D.	280.00	299.75	301.83	300.00
MILE	20.2	28.2	39.5	43.7
LWRP 2014	289.90	294.74	301.48	304.90
25 SEP 2015	x	6.92198/001 6.75144/001	12.27198/001 12.14144/001	x

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

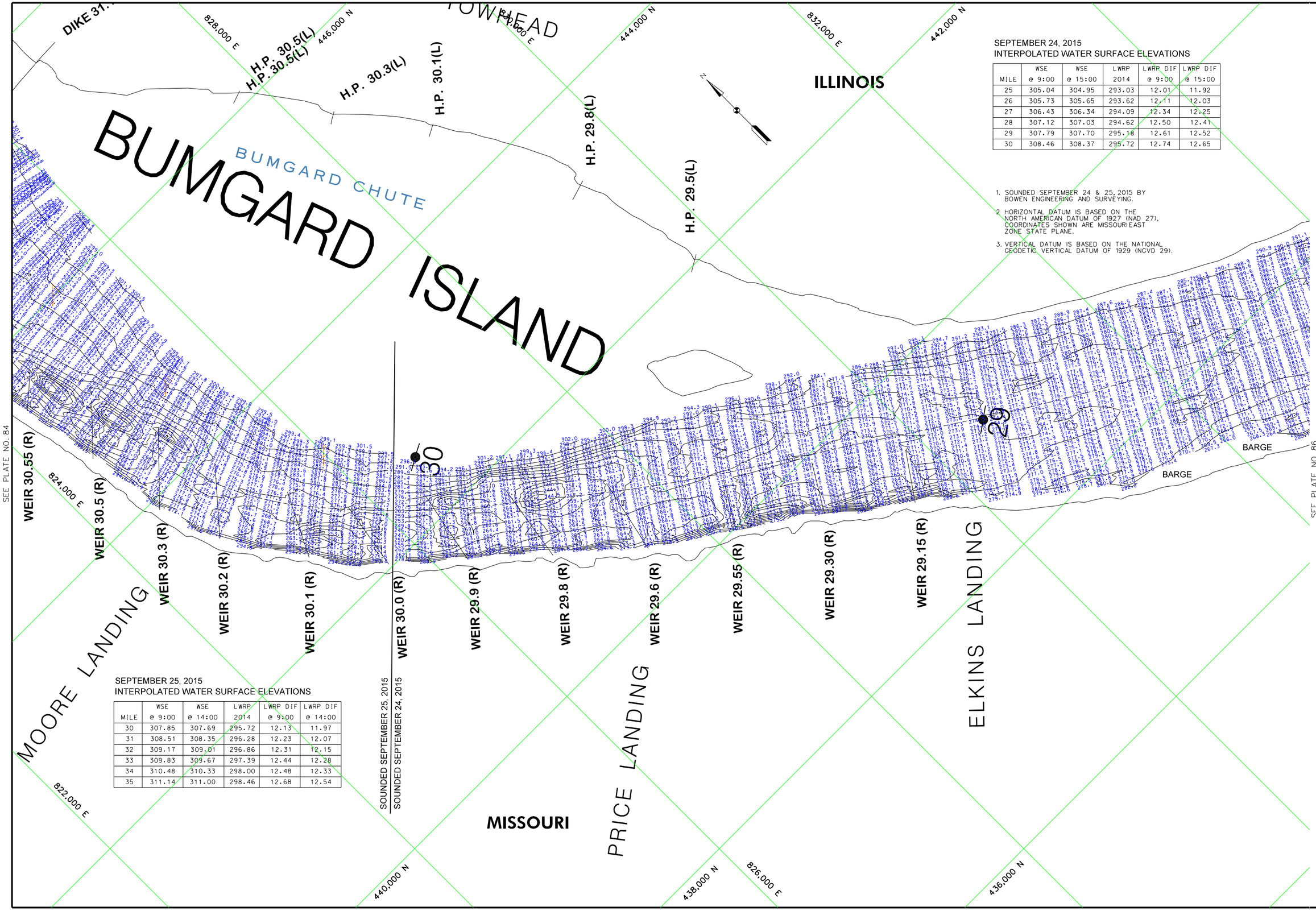
Surveyed by: BOWEN ENGINEERING
Survey Date: SEPTEMBER 25, 2015
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: ######DATE TIME####
File name: ####SEDIMENT\SURVEY\PLATE\PLATE84

240 METERS
800 FEET
120 0 120 400
0 400

THE INFORMATION REPORTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE BY BOWEN ENGINEERING AND SURVEYING AT THE TIME AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

HYDROGRAPHIC SURVEYS
RIVER MILES 30.5 – 32.5

PLATE NUMBER
84



SEPTEMBER 24, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 15:00	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 15:00
25	305.04	304.95	293.03	12.01	11.92
26	305.73	305.65	293.62	12.11	12.03
27	306.43	306.34	294.09	12.34	12.25
28	307.12	307.03	294.62	12.50	12.41
29	307.79	307.70	295.18	12.61	12.52
30	308.46	308.37	295.72	12.74	12.65

1. SOUNDED SEPTEMBER 24 & 25, 2015 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).

SEPTEMBER 25, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 14:00	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 14:00
30	307.85	307.69	295.72	12.13	11.97
31	308.51	308.35	296.28	12.23	12.07
32	309.17	309.01	296.86	12.31	12.15
33	309.83	309.67	297.39	12.44	12.28
34	310.48	310.33	298.00	12.48	12.33
35	311.14	311.00	298.46	12.68	12.54

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	THOMPSON LANDING	PRICE'S LANDING	COMMERCE, MO	THEBES, IL
ZERO N.G.V.D.	280.00	299.75	301.83	300.00
MILE	20.2	28.2	39.5	43.7
LWRP 2014	289.90	294.74	301.48	304.90
24 SEP 2015	21.769/001 21.63/15/001	7.519/001 7.42/15/001	12.969/001 12.87/15/001	x
25 SEP 2015	x	6.929/001 6.75/14/001	12.279/001 12.14/14/001	x

Surveyed by: BOWEN ENGINEERING
Drawn by: X
Ckd by: X
Survey Date: SEPTEMBER 24 & 25, 2015
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: 8/22/2017 7:44:22 AM
File name: M:\ESGCMP\LEB\PICA\CAD\NAV\

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

120 0 120 240 METERS
400 0 400 800 FEET

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE AT THE TIME SHOWN AND IS INTENDED ONLY AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

HYDROGRAPHIC SURVEYS

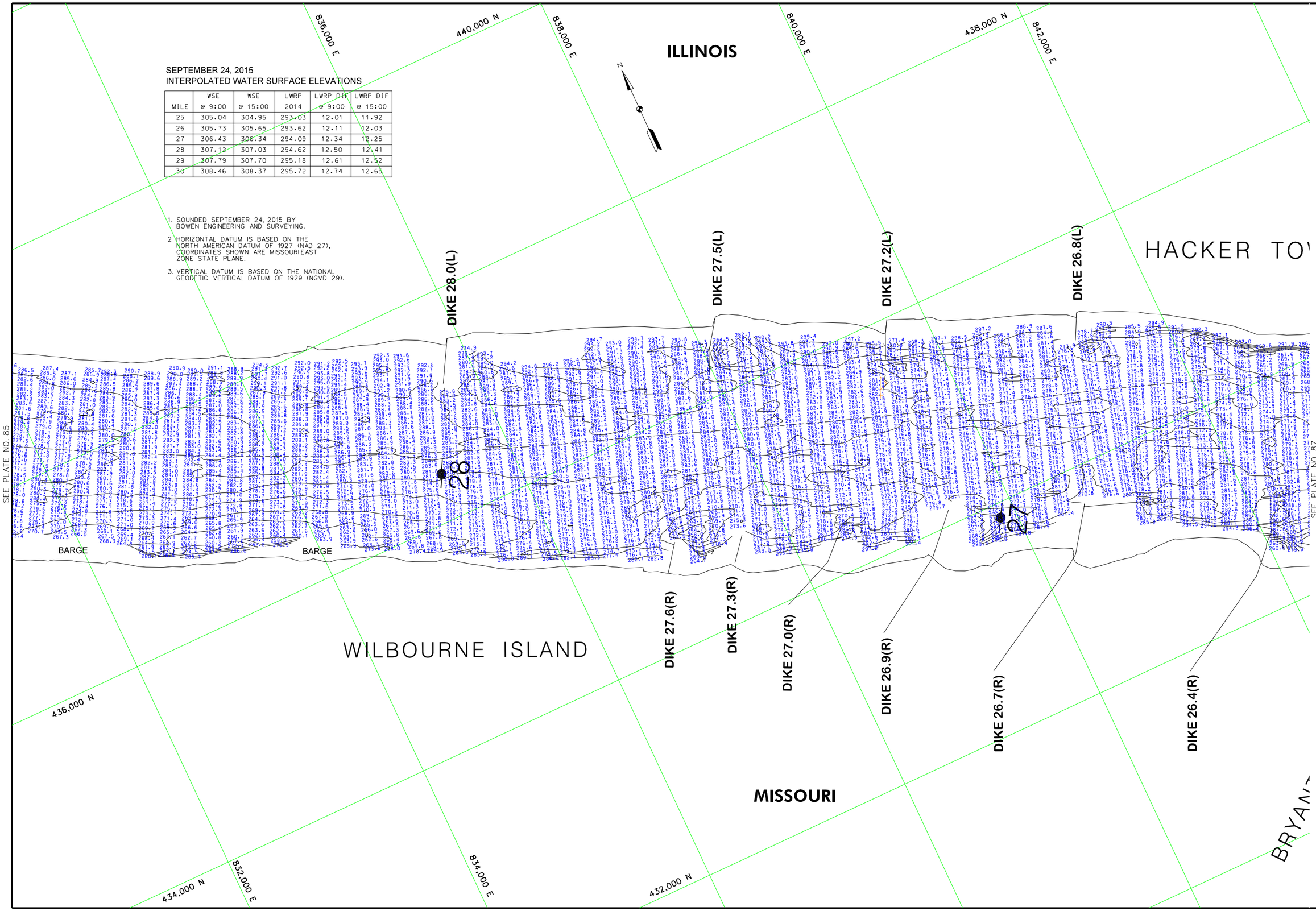
RIVER MILES 28.6 – 30.5

PLATE NUMBER
85

SEPTEMBER 24, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 15:00	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 15:00
25	305.04	304.95	293.03	12.01	11.92
26	305.73	305.65	293.62	12.11	12.03
27	306.43	306.34	294.09	12.34	12.25
28	307.12	307.03	294.62	12.50	12.41
29	307.79	307.70	295.18	12.61	12.52
30	308.46	308.37	295.72	12.74	12.65

1. SOUNDED SEPTEMBER 24, 2015 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).



US Army Corps of Engineers
St. Louis District

GAGE RECORD

	THOMPSON LANDING	PRICE'S LANDING	COMMERCE, MO	THEBES, IL
ZERO N.G.V.D.	280.00	299.75	301.83	300.00
MILE	20.2	28.2	39.5	43.7
LWRP 2014	289.90	294.74	301.48	304.90
24 SEP 2015	21.79/9:00 21.63/15:00	7.51/9:00 7.42/15:00	12.96/9:00 12.87/15:00	x

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

Surveyed by: BOWEN ENGINEERING
Survey Date: SEPTEMBER 24, 2015
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: 8/8/2016 TUE 12:00:00
File name: R:\0016 SEDIMENT\LIBRARY\GRAPHICS\PLATES\

240 METERS 120 0 120
800 FEET 400 0 400

THE INFORMATION REPORTED ON THIS MAP REPRESENTS THE RESULTS OF THE SURVEY MADE ON THE DATE SHOWN AND IS INTERPRETED TO BE AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

HYDROGRAPHIC SURVEYS
RIVER MILES 26.6 – 28.6

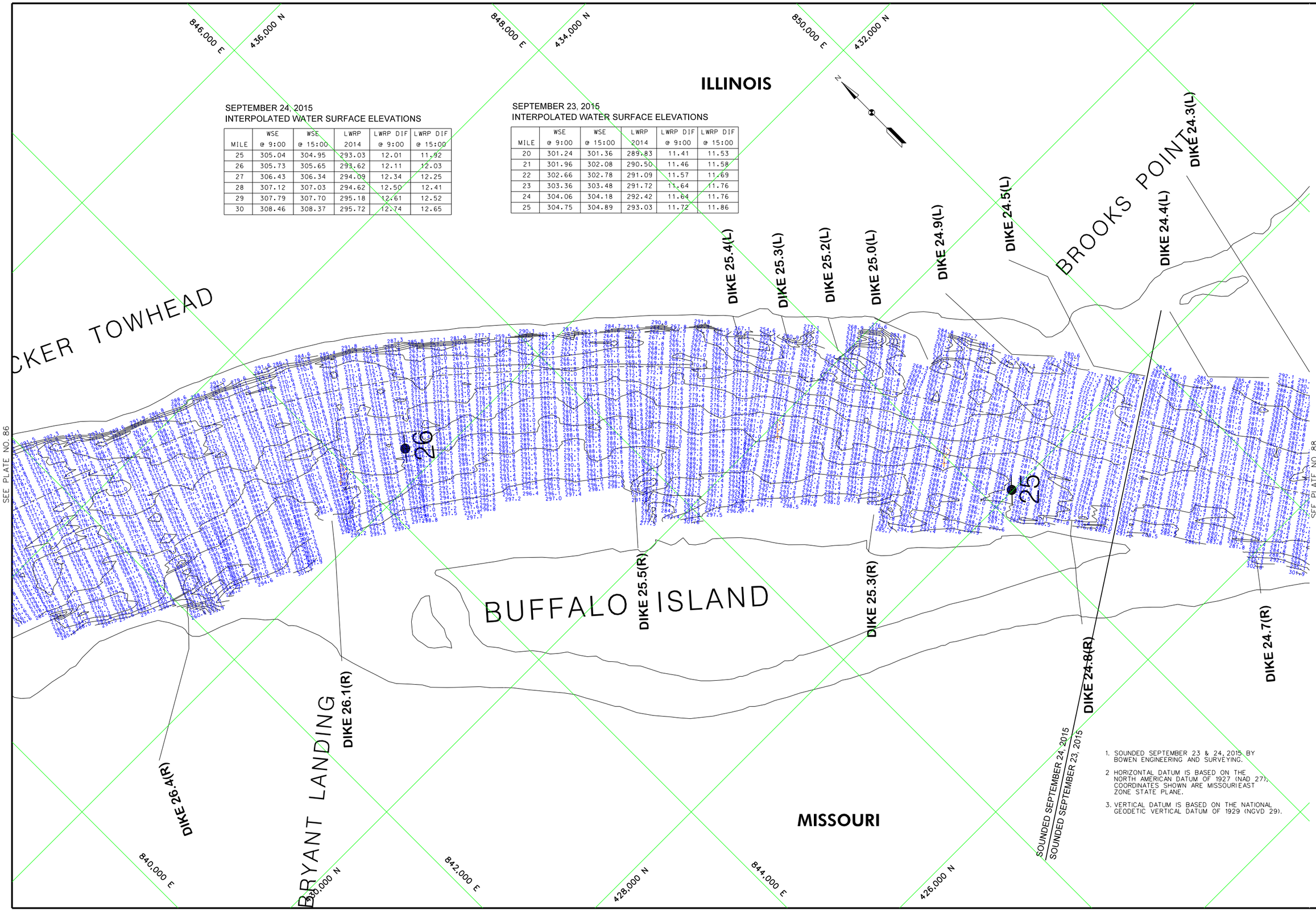
PLATE NUMBER
86

SEPTEMBER 24, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 15:00	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 15:00
25	305.04	304.95	293.03	12.01	11.92
26	305.73	305.65	293.62	12.11	12.03
27	306.43	306.34	294.09	12.34	12.25
28	307.12	307.03	294.62	12.50	12.41
29	307.79	307.70	295.18	12.61	12.52
30	308.46	308.37	295.72	12.74	12.65

SEPTEMBER 23, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 15:00	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 15:00
20	301.24	301.36	289.83	11.41	11.53
21	301.96	302.08	290.50	11.46	11.58
22	302.66	302.78	291.09	11.57	11.69
23	303.36	303.48	291.72	11.64	11.76
24	304.06	304.18	292.42	11.64	11.76
25	304.75	304.89	293.03	11.72	11.86



1. SOUNDED SEPTEMBER 23 & 24, 2015 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).

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BIRD'S POINT	THOMPSON LANDING	PRICE'S LANDING	COMMERCE, MO
ZERO N.G.V.D.	274.53	280.00	299.75	301.83
MILE	2.0	20.2	28.2	39.5
LWRP 2014	280.06	289.90	294.74	301.48
23 SEP 2015	12.99/00 12.40/15:00	21.40/00 21.52/15:00	7.24/00 7.38/15:00	x
24 SEP 2015	x	21.79/00 21.63/15:00	7.51/00 7.42/15:00	12.96/00 12.87/15:00

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

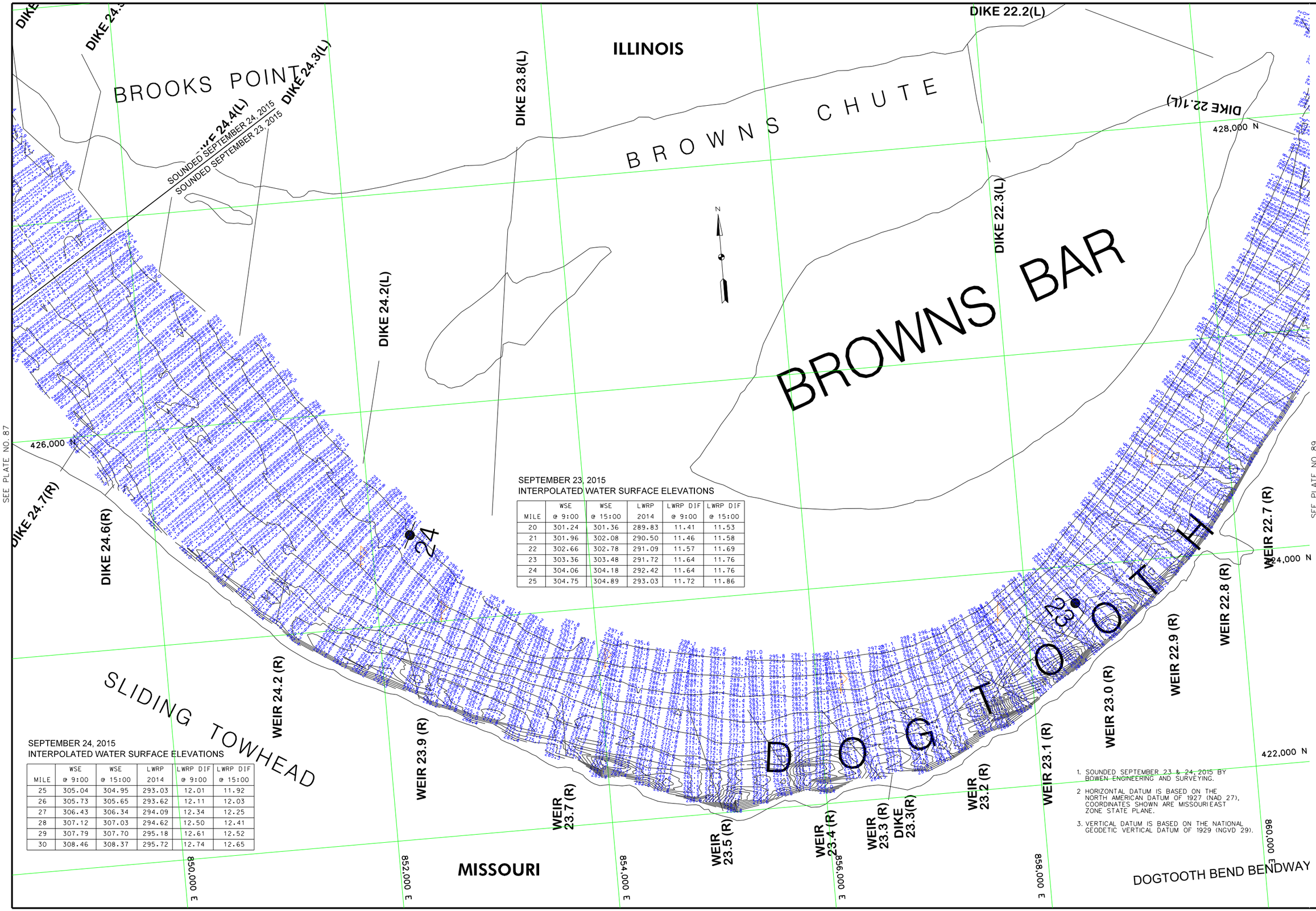
UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

Survey Date: SEPTEMBER 23 & 24, 2015
Surveyed by: BOWEN ENGINEERING
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: 99999/HTC TIME99999
File name: 99999/HYDRO/HYDRO99999

240 METERS 120 0 120 240
800 FEET 400 0 400 800
THE INFORMATION REPORTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND MAY NOT BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

HYDROGRAPHIC SURVEYS
RIVER MILES 24.6 – 26.6

PLATE NUMBER
87



SEPTEMBER 23, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 15:00	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 15:00
20	301.24	301.36	289.83	11.41	11.53
21	301.96	302.08	290.50	11.46	11.58
22	302.66	302.78	291.09	11.57	11.69
23	303.36	303.48	291.72	11.64	11.76
24	304.06	304.18	292.42	11.64	11.76
25	304.75	304.89	293.03	11.72	11.86

SEPTEMBER 24, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 15:00	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 15:00
25	305.04	304.95	293.03	12.01	11.92
26	305.73	305.65	293.62	12.11	12.03
27	306.43	306.34	294.09	12.34	12.25
28	307.12	307.03	294.62	12.50	12.41
29	307.79	307.70	295.18	12.61	12.52
30	308.46	308.37	295.72	12.74	12.65

1. SOUNDED SEPTEMBER 23 & 24, 2015 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).

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BIRD'S POINT	THOMPSON LANDING	PRICE'S LANDING	COMMERCE, MO
ZERO N.G.V.D.	274.53	280.00	299.75	301.83
MILE	2.0	20.2	28.2	39.5
LWRP 2014	280.06	289.90	294.74	301.48
23 SEP 2015	12.99/00 12.40/15:00	21.40/9:00 21.52/15:00	7.24/9:00 7.38/15:00	x
24 SEP 2015	x	21.71/9:00 21.63/15:00	7.51/9:00 7.42/15:00	12.96/9:00 12.87/15:00

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER
RIVER MILES 22.5 – 24.6

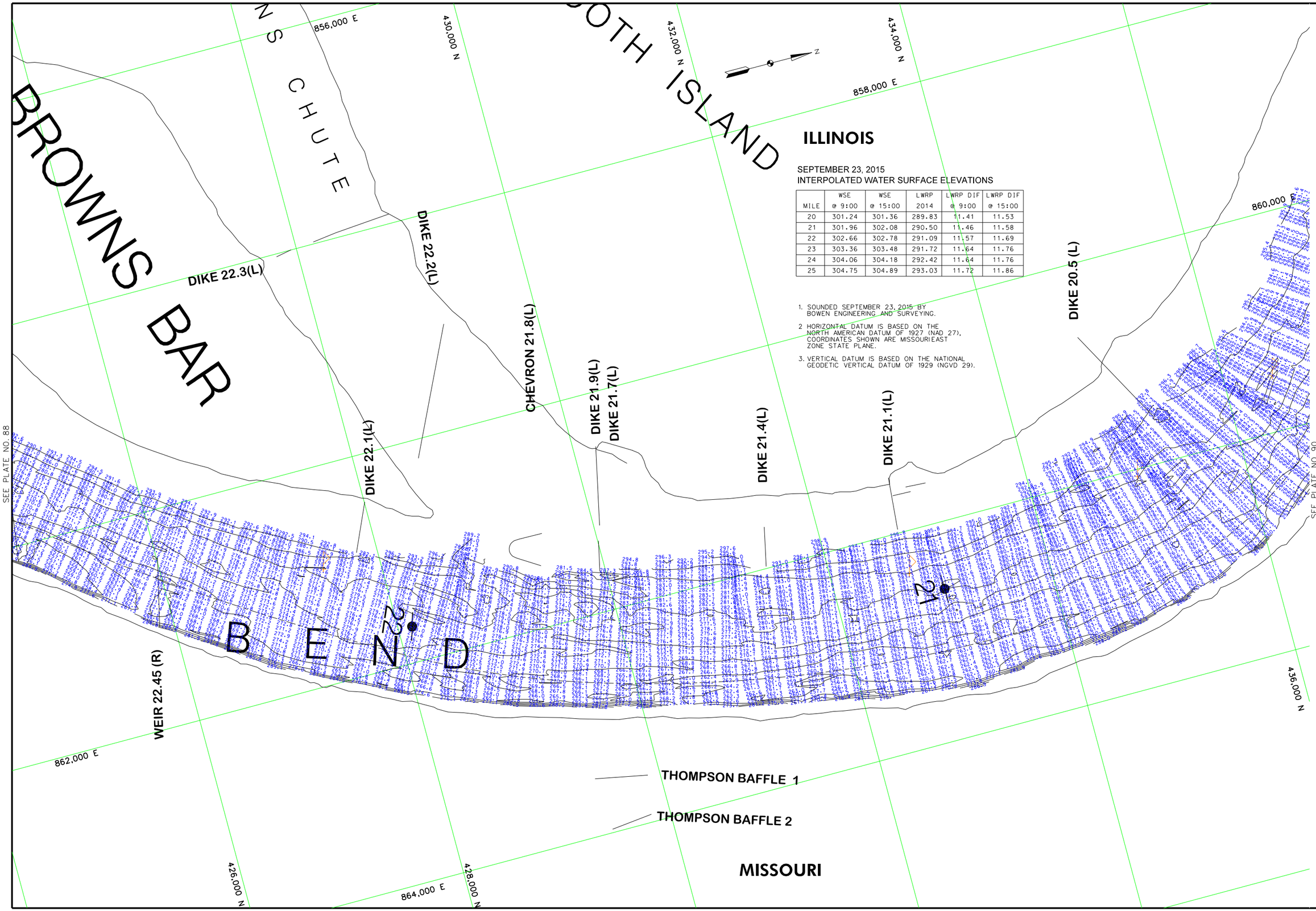
Surveyed by: BOWEN ENGINEERING
Survey Date: SEPTEMBER 23 & 24, 2015
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: ####DATE TIME####
File name: ####DRAWING PATH\FILE NAME####

120 0 120 240 METERS
400 0 400 800 FEET

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

HYDROGRAPHIC SURVEYS
RIVER MILES 22.5 – 24.6

PLATE NUMBER
88



SEPTEMBER 23, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 15:00	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 15:00
20	301.24	301.36	289.83	11.41	11.53
21	301.96	302.08	290.50	11.46	11.58
22	302.66	302.78	291.09	11.57	11.69
23	303.36	303.48	291.72	11.64	11.76
24	304.06	304.18	292.42	11.64	11.76
25	304.75	304.89	293.03	11.72	11.86

1. SOUNDED SEPTEMBER 23, 2015 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).

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BIRD'S POINT	THOMPSON LANDING	PRICE'S LANDING	COMMERCE, MO
ZERO N.G.V.D.	274.53	280.00	299.75	301.83
MILE	2.0	20.2	28.2	39.5
LWRP 2014	280.06	289.90	294.74	301.48
23 SEP 2015	12.9/9:00 12.40/15:00	21.40/9:00 21.52/15:00	7.24/9:00 7.38/15:00	x

Survey Date: SEPTEMBER 23, 2015
Surveyed by: BOWEN ENGINEERING
Reviewed by: X
Drawn by: X
Ckd by: X
SUBMITTED: X
APPROVED: X
Plot date: ####/##/## ##:##
File name: ####\####\####\####\####.DGN

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

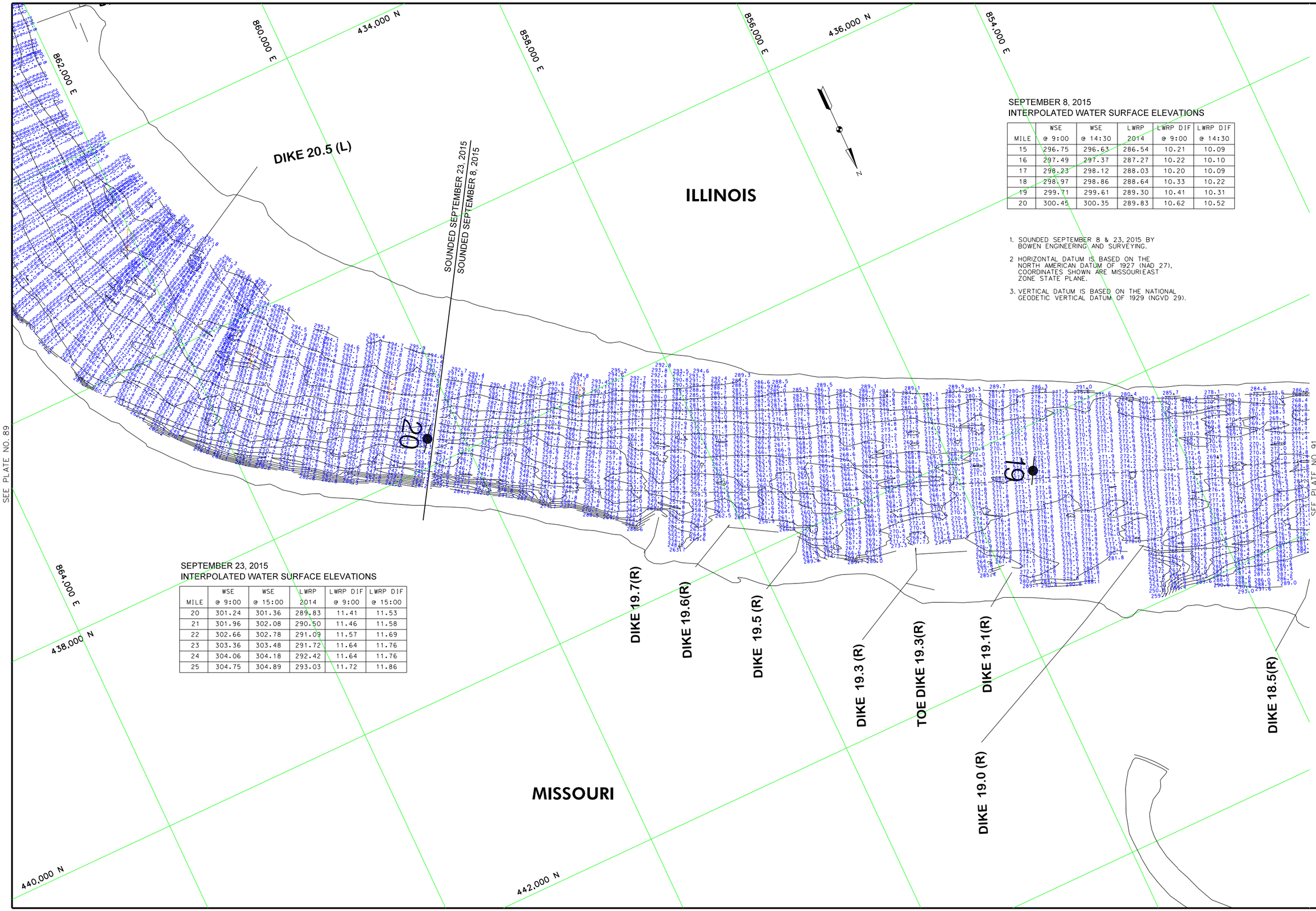
240 METERS 120 0 120 240
800 FEET 400 0 400 800

THE INFORMATION REPORTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED AND MAY NOT BE ACCURATE AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

HYDROGRAPHIC SURVEYS

RIVER MILES 20.5 – 22.5

PLATE NUMBER
89



SEPTEMBER 8, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 14:30	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 14:30
15	296.75	296.63	286.54	10.21	10.09
16	297.49	297.37	287.27	10.22	10.10
17	298.23	298.12	288.03	10.20	10.09
18	298.97	298.86	288.64	10.33	10.22
19	299.71	299.61	289.30	10.41	10.31
20	300.45	300.35	289.83	10.62	10.52

1. SOUNDED SEPTEMBER 8 & 23, 2015 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).

SEPTEMBER 23, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 15:00	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 15:00
20	301.24	301.36	289.83	11.41	11.53
21	301.96	302.08	290.50	11.46	11.58
22	302.66	302.78	291.09	11.57	11.69
23	303.36	303.48	291.72	11.64	11.76
24	304.06	304.18	292.42	11.64	11.76
25	304.75	304.89	293.03	11.72	11.86

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BIRD'S POINT	THOMPSON LANDING	PRICE'S LANDING	COMMERCE, MO
ZERO N.G.V.D.	274.53	280.00	299.75	301.83
MILE	2.0	20.2	28.2	39.5
LWRP 2014	280.06	289.90	294.74	301.48
08 SEP 2015	12.58/9:00 12.42/14:30	20.68/9:00 20.50/14:30	X	X
23 SEP 2015	12.99/9:00 12.40/15:00	21.40/9:00 21.52/15:00	7.24/9:00 7.38/15:00	X

Surveyed by: BOWEN ENGINEERING
Survey Date: SEPTEMBER 8 & 23, 2015
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: ######DATE TIME####
File name: ####SEDIMENT\HYDROGRAPHIC\PLATE90

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

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

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE AT THE TIME INDICATED AND MAY NOT BE CORRECT AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

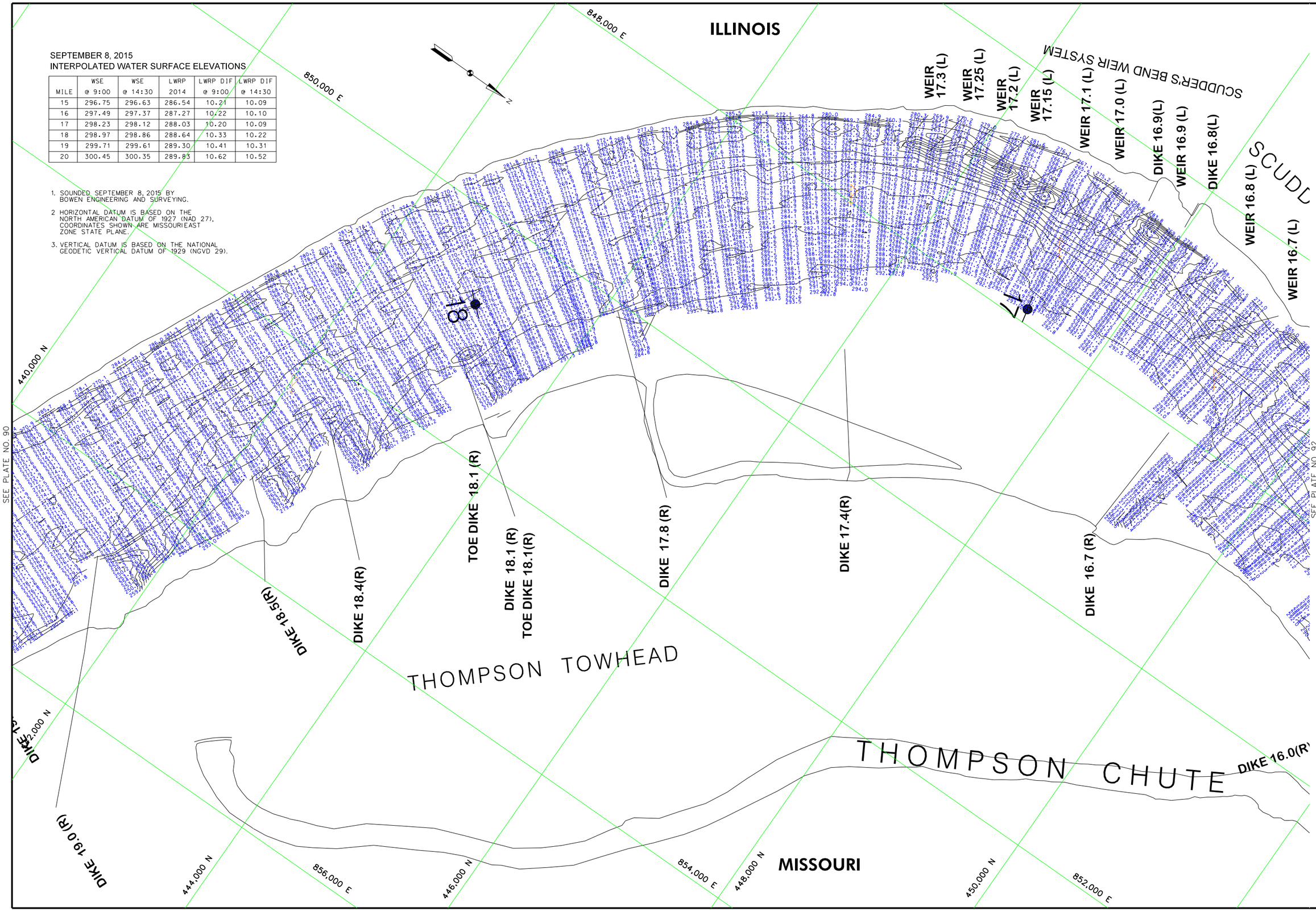
HYDROGRAPHIC SURVEYS
RIVER MILES 18.7 – 20.5

PLATE NUMBER
90

SEPTEMBER 8, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 14:30	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 14:30
15	296.75	296.63	286.54	10.21	10.09
16	297.49	297.37	287.27	10.22	10.10
17	298.23	298.12	288.03	10.20	10.09
18	298.97	298.86	288.64	10.33	10.22
19	299.71	299.61	289.30	10.41	10.31
20	300.45	300.35	289.83	10.62	10.52

1. SOUNDED SEPTEMBER 8, 2015 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).



US Army Corps of Engineers
St. Louis District

GAGE RECORD				
	BIRD'S POINT	THOMPSON LANDING	PRICE'S LANDING	COMMERCE, MO
ZERO N.G.V.D.	274.53	280.00	299.75	301.83
MILE	2.0	20.2	28.2	39.5
LWRP 2014	280.06	289.90	294.74	301.48
08 SEP 2015	12.58/9:00 12.42/14:30	20.60/9:00 20.50/14:30	x	x

Surveyed by: BOWEN ENGINEERING
Survey Date: SEPTEMBER 8, 2015
Drawn by: x
Ckd by: x
Reviewed by: x
SUBMITTED: x
APPROVED: x
Plot date: 8888DATE YIMD8888
File name: 888FIGNAME:U:\BATHY\GPCA\CN888

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

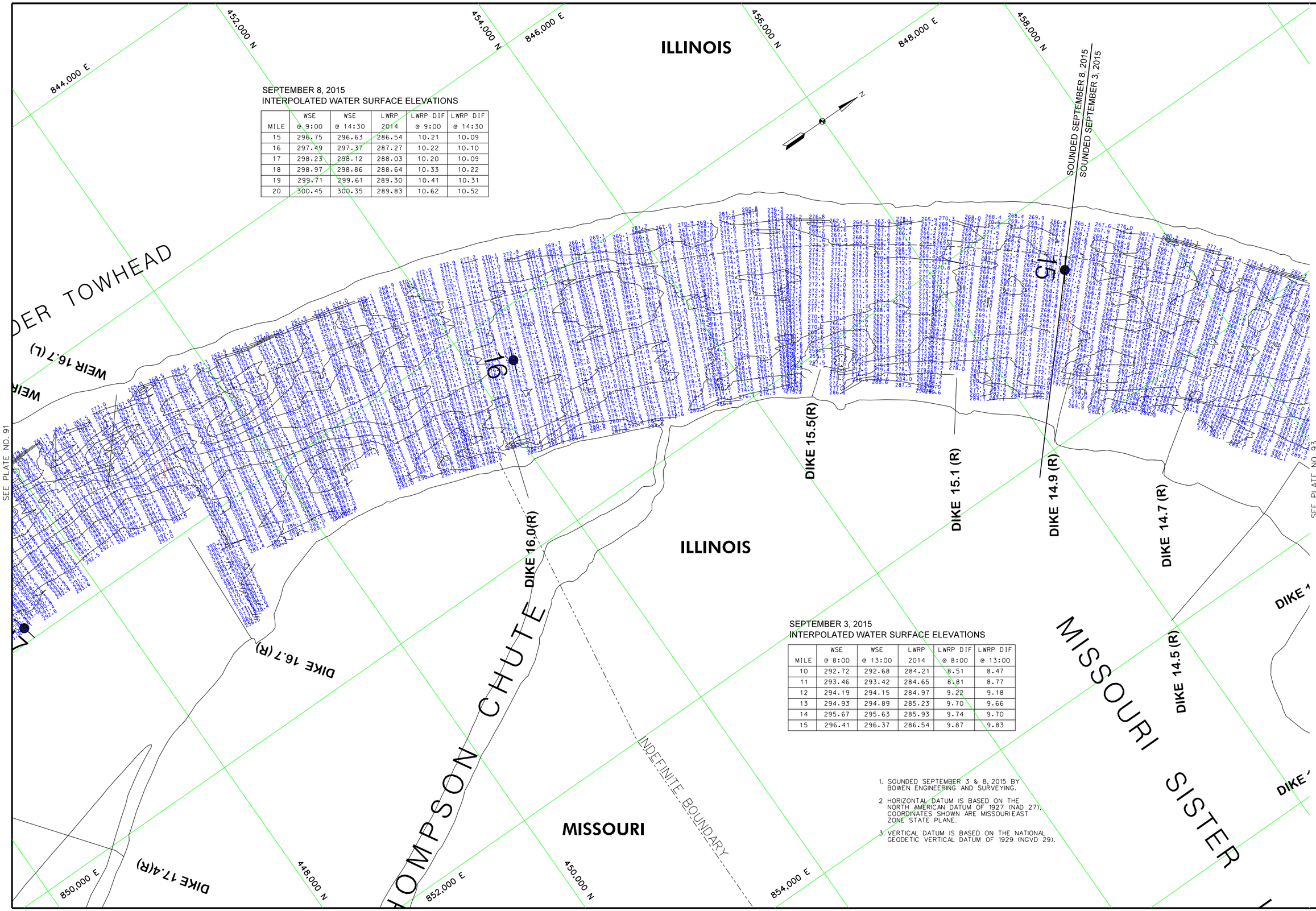
UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

240 METERS
800 FEET
120 0 120 400
0 400

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

HYDROGRAPHIC SURVEYS
RIVER MILES 16.4 – 18.7

PLATE NUMBER
91



SEPTEMBER 8, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 14:30	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 14:30
15	296.75	296.63	286.54	10.21	10.09
16	297.49	297.37	287.27	10.22	10.10
17	298.23	298.12	288.03	10.20	10.09
18	298.97	298.86	288.64	10.33	10.22
19	299.71	299.61	289.30	10.41	10.31
20	300.45	300.35	289.83	10.62	10.52

SEPTEMBER 3, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 8:00	WSE @ 13:00	LWRP 2014	LWRP DIF @ 8:00	LWRP DIF @ 13:00
10	292.72	292.68	284.21	8.51	8.47
11	293.46	293.42	284.65	8.81	8.77
12	294.19	294.15	284.97	9.22	9.18
13	294.93	294.89	285.23	9.70	9.66
14	295.67	295.63	285.93	9.74	9.70
15	296.41	296.37	286.54	9.87	9.83

1. SOUNDED SEPTEMBER 3 & 8, 2015 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).

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BIRD'S POINT	THOMPSON LANDING	PRICE'S LANDING	COMMERCE, MO
ZERO N.G.V.D.	274.53	280.00	299.75	301.83
MILE	2.0	20.2	28.2	39.5
LWRP 2014	280.06	289.90	294.74	301.48
03 SEP 2015	12.288:00) 12.413:00)	20.258:00) 20.213:00)	x	x
08 SEP 2015	12.589:00) 12.414:30)	20.609:00) 20.504:30)	x	x

Surveyed by: BOWEN ENGINEERING
Survey Date: SEPTEMBER 3 & 8, 2015
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: ####DATE:TIME####
File name: ####FIGNAME:LIBRARY\GRAPHICS\FIG\####

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

240 METERS 800 FEET
120 0 120 400 0 400

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE BY THE ST. LOUIS DISTRICT, CORPS OF ENGINEERS AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

HYDROGRAPHIC SURVEYS
RIVER MILES 14.7 – 16.4

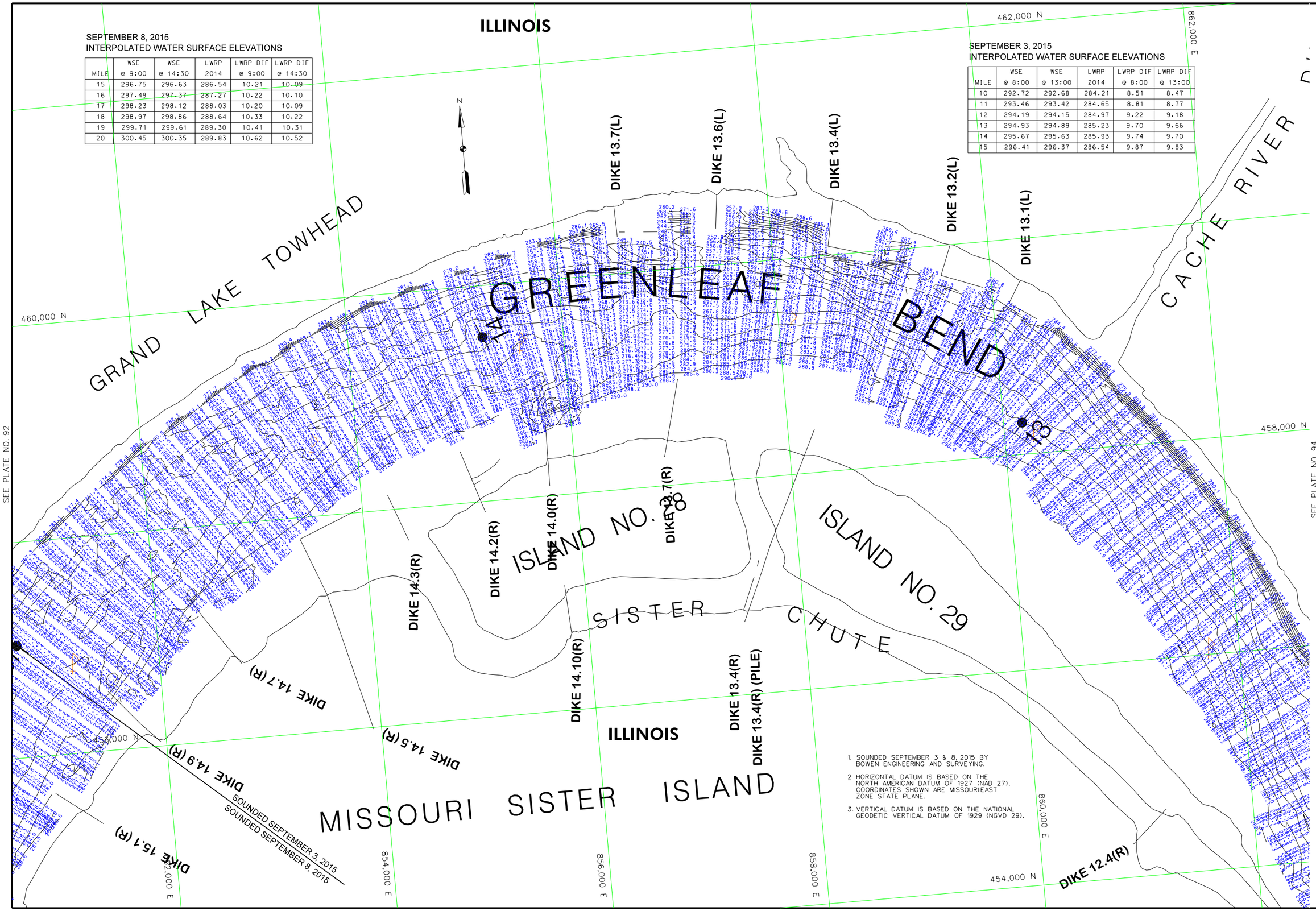
PLATE NUMBER
92

SEPTEMBER 8, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 14:30	LWRP 2014	LWRP DIF @ 9:00	LWRP DIF @ 14:30
15	296.75	296.63	286.54	10.21	10.09
16	297.49	297.37	287.27	10.22	10.10
17	298.23	298.12	288.03	10.20	10.09
18	298.97	298.86	288.64	10.33	10.22
19	299.71	299.61	289.30	10.41	10.31
20	300.45	300.35	289.83	10.62	10.52

SEPTEMBER 3, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 8:00	WSE @ 13:00	LWRP 2014	LWRP DIF @ 8:00	LWRP DIF @ 13:00
10	292.72	292.68	284.21	8.51	8.47
11	293.46	293.42	284.65	8.81	8.77
12	294.19	294.15	284.97	9.22	9.18
13	294.93	294.89	285.23	9.70	9.66
14	295.67	295.63	285.93	9.74	9.70
15	296.41	296.37	286.54	9.87	9.83



1. SOUNDED SEPTEMBER 3 & 8, 2015 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).

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BIRD'S POINT	THOMPSON LANDING	PRICE'S LANDING	COMMERCE, MO
ZERO N.G.V.D.	274.53	280.00	299.75	301.83
MILE	2.0	20.2	28.2	39.5
LWRP 2014	280.06	289.90	294.74	301.48
03 SEP 2015	12.88:00/ 12.24:13:00)	20.25:8:00) 20.21:13:00)	x	x
08 SEP 2015	12.58:9:00/ 12.42:14:30)	20.60:9:00) 20.50:14:30)	x	x

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

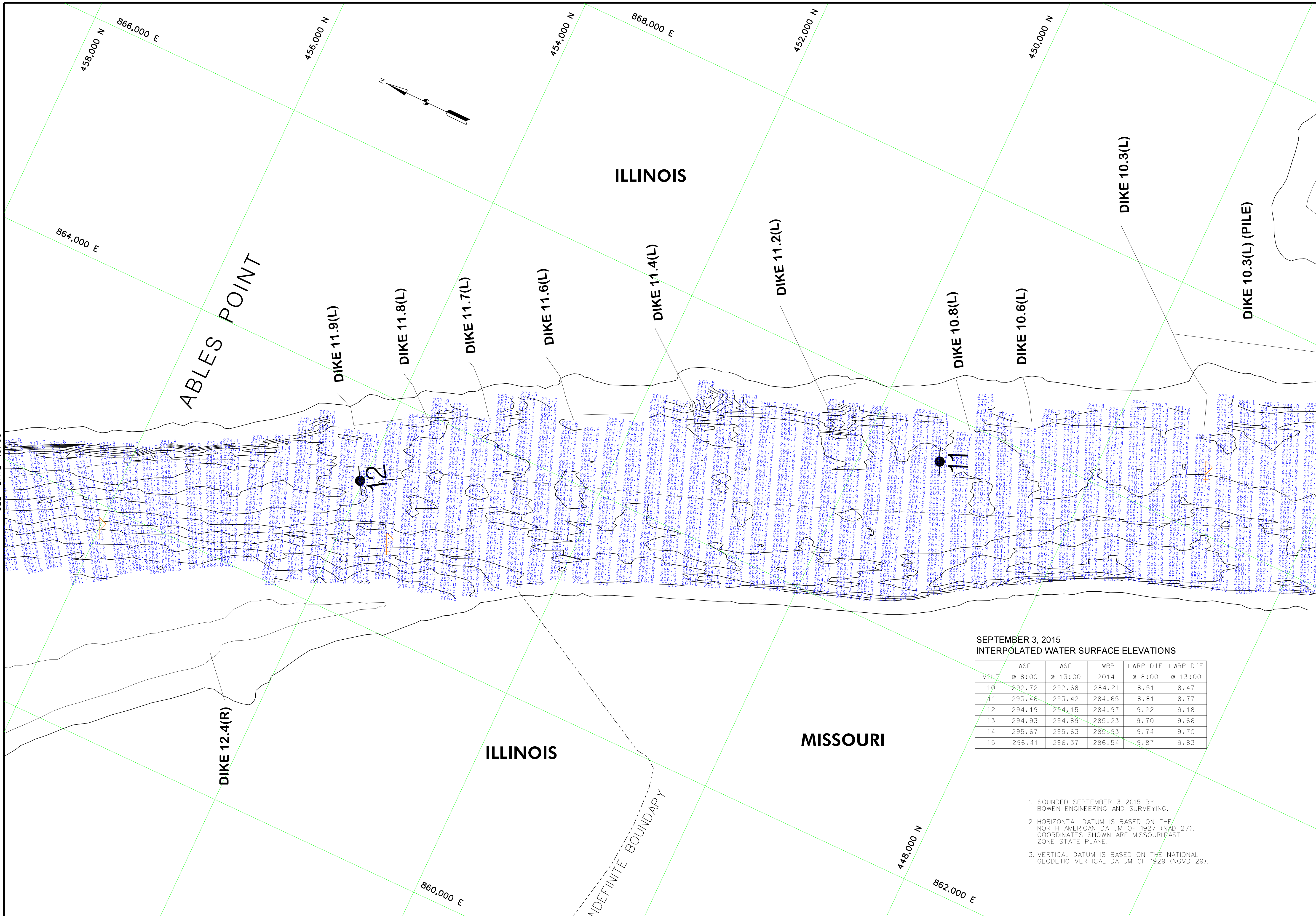
Surveyed by: BOWEN ENGINEERING
Survey Date: SEPTEMBER 3 & 8, 2015
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: ##########
File name: ##########

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

THE INFORMATION REPORTED IN THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED. THE DATA MAY NOT BE ACCURATE AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

HYDROGRAPHIC SURVEYS
RIVER MILES 12.5 – 14.7

PLATE NUMBER
93



SEPTEMBER 3, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 8:00	WSE @ 13:00	LWRP 2014	LWRP DIF @ 8:00	LWRP DIF @ 13:00
10	292.72	292.68	284.21	8.51	8.47
11	293.46	293.42	284.65	8.81	8.77
12	294.19	294.15	284.97	9.22	9.18
13	294.93	294.89	285.23	9.70	9.66
14	295.67	295.63	285.93	9.74	9.70
15	296.41	296.37	286.54	9.87	9.83

1. SOUNDED SEPTEMBER 3, 2015 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).

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BIRD'S POINT	THOMPSON LANDING	PRICE'S LANDING	COMMERCE, MO
ZERO N.G.V.D.	274.53	280.00	299.75	301.83
MILE	2.0	20.2	28.2	39.5
LWRP 2014	280.06	289.90	294.74	301.48
03 SEP 2015	12.28(8:00) 12.24(13:00)	20.25(8:00) 20.21(13:00)	X	X

Surveyed by: BOWEN ENGINEERING
Survey Date: SEPTEMBER 3, 2015
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: $$$$DATE-TIME$$$$
File name: $$$DESIGN$FILE$SPECIFICATION$$$

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

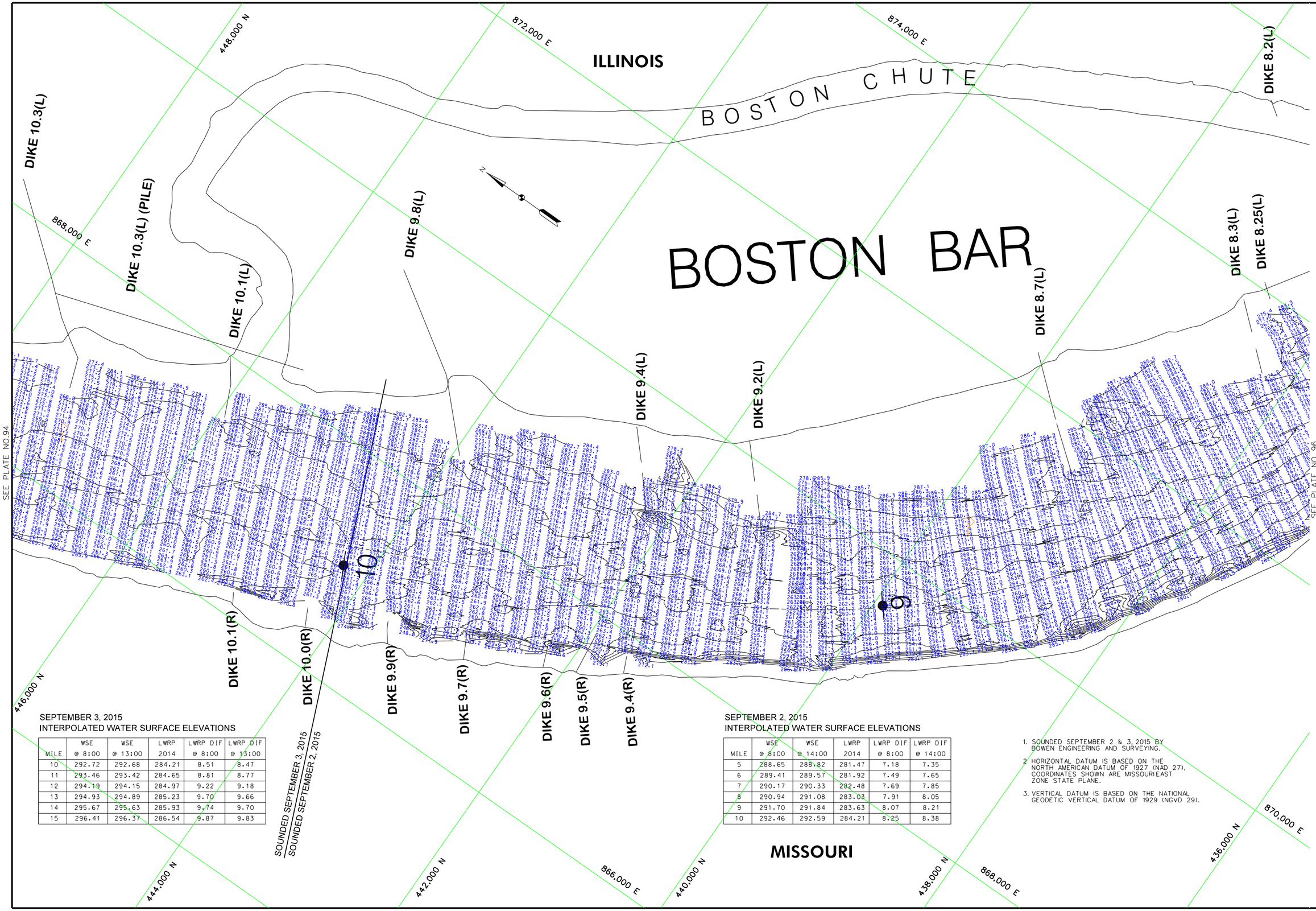
UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

120 0 120 240 METERS
400 0 400 800 FEET

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

HYDROGRAPHIC SURVEYS
RIVER MILES 10.5 – 12.5

PLATE NUMBER
94



SEPTEMBER 3, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 8:00	WSE @ 13:00	LWRP 2014	LWRP DIF @ 8:00	LWRP DIF @ 13:00
10	292.72	292.68	284.21	8.51	8.47
11	293.46	293.42	284.65	8.81	8.77
12	294.19	294.15	284.97	9.22	9.18
13	294.93	294.89	285.23	9.70	9.66
14	295.67	295.63	285.93	9.74	9.70
15	296.41	296.37	286.54	9.87	9.83

SEPTEMBER 2, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 8:00	WSE @ 14:00	LWRP 2014	LWRP DIF @ 8:00	LWRP DIF @ 14:00
5	288.65	288.82	281.47	7.18	7.35
6	289.41	289.57	281.92	7.49	7.65
7	290.17	290.33	282.48	7.69	7.85
8	290.94	291.08	283.03	7.91	8.05
9	291.70	291.84	283.63	8.07	8.21
10	292.46	292.59	284.21	8.25	8.38

1. SOUNDED SEPTEMBER 2 & 3, 2015 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).

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BIRD'S POINT	THOMPSON LANDING	PRICE'S LANDING	COMMERCE, MO
ZERO N.G.V.D.	274.53	280.00	299.75	301.83
MILE	2.0	20.2	28.2	39.5
LWRP 2014	280.06	289.90	294.74	301.48
02 SEP 2015	11.83(8:00) 12.02(14:00)	20.24(8:00) 20.30(14:00)	x	x
03 SEP 2015	12.28(8:00) 12.24(13:00)	20.25(8:00) 20.21(13:00)	x	x

Survey Date: SEPTEMBER 2 & 3, 2015
Surveyed by: BOWEN ENGINEERING
Reviewed by: X
Drawn by: X
Ckd by: X
SUBMITTED: X
APPROVED: X
Plot date: 99999:NTC TIME9999
File name: 99999:DIKE 8.3-10.5 SEPTEMBER 2 & 3, 2015.DGN

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

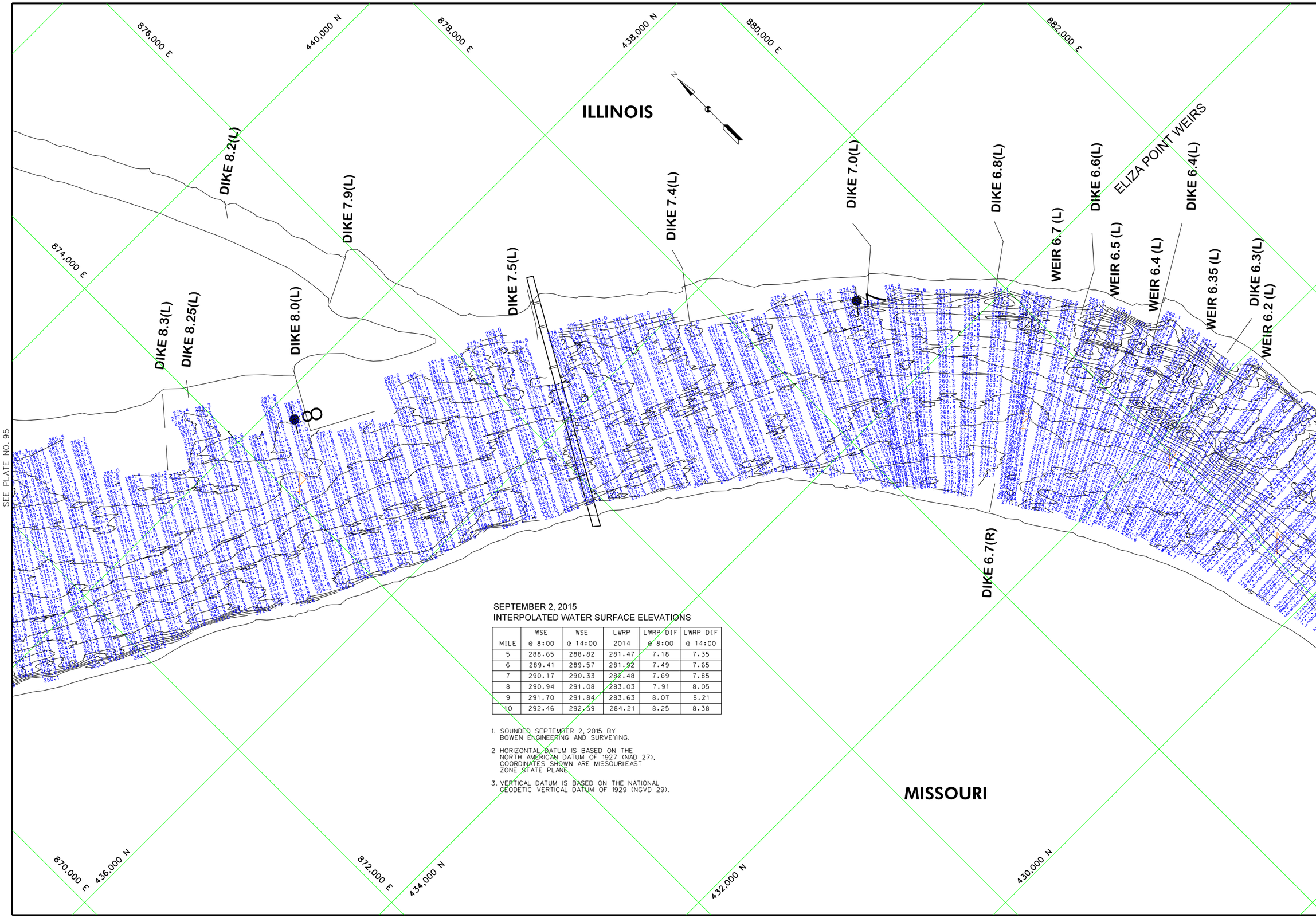
240 METERS 120 0 120 400 0 400 800 FEET

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

HYDROGRAPHIC SURVEYS

RIVER MILES 8.3 – 10.5

PLATE NUMBER
95



SEPTEMBER 2, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 8:00	WSE @ 14:00	LWRP 2014	LWRP DIF @ 8:00	LWRP DIF @ 14:00
5	288.65	288.82	281.47	7.18	7.35
6	289.41	289.57	281.92	7.49	7.65
7	290.17	290.33	282.48	7.69	7.85
8	290.94	291.08	283.03	7.91	8.05
9	291.70	291.84	283.63	8.07	8.21
10	292.46	292.59	284.21	8.25	8.38

1. SOUNDED SEPTEMBER 2, 2015 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).

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BIRD'S POINT	THOMPSON LANDING	PRICE'S LANDING	COMMERCE, MO
ZERO N.G.V.D.	274.53	280.00	299.75	301.83
MILE	2.0	20.2	28.2	39.5
LWRP 2014	280.06	289.90	294.74	301.48
02 SEP 2015	11.83(8:00) 12.02(14:00)	20.24(8:00) 20.30(14:00)	x	x

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

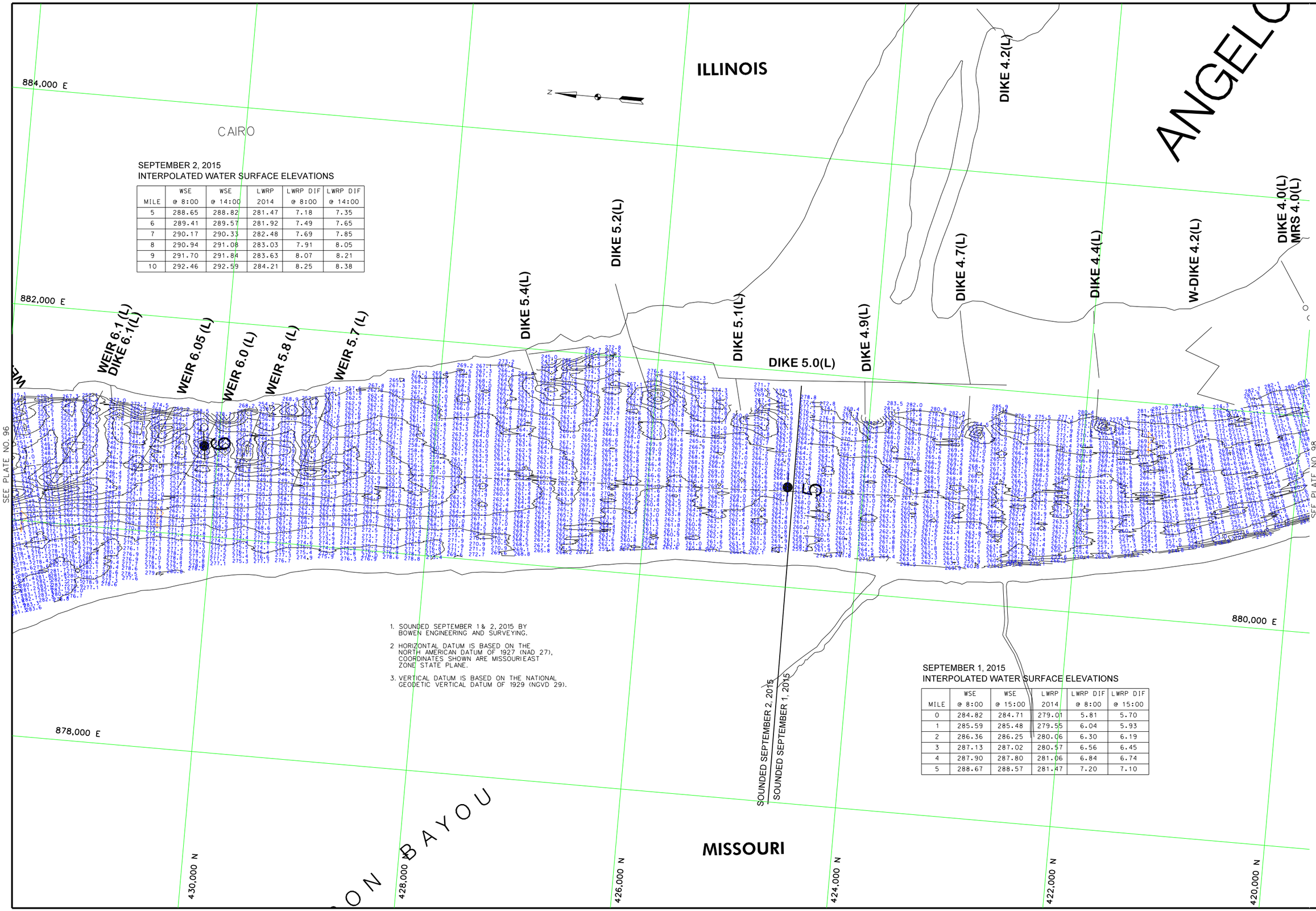
Surveyed by: BOWEN ENGINEERING
Survey Date: SEPTEMBER 2, 2015
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: ####DATE TIME####
File name: ####DRAWING FILENAME####

120 0 240 METERS
400 0 800 FEET

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE(S) SHOWN. THE DATA PRESENTED IS AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

HYDROGRAPHIC SURVEYS
RIVER MILES 6.2 – 8.3

PLATE NUMBER
96



SEPTEMBER 2, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 8:00	WSE @ 14:00	LWRP 2014	LWRP DIF @ 8:00	LWRP DIF @ 14:00
5	288.65	288.82	281.47	7.18	7.35
6	289.41	289.57	281.92	7.49	7.65
7	290.17	290.33	282.48	7.69	7.85
8	290.94	291.08	283.03	7.91	8.05
9	291.70	291.84	283.63	8.07	8.21
10	292.46	292.59	284.21	8.25	8.38

1. SOUNDED SEPTEMBER 1 & 2, 2015 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).

SEPTEMBER 1, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 8:00	WSE @ 15:00	LWRP 2014	LWRP DIF @ 8:00	LWRP DIF @ 15:00
0	284.82	284.71	279.01	5.81	5.70
1	285.59	285.48	279.55	6.04	5.93
2	286.36	286.25	280.06	6.30	6.19
3	287.13	287.02	280.57	6.56	6.45
4	287.90	287.80	281.06	6.84	6.74
5	288.67	288.57	281.47	7.20	7.10

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BIRD'S POINT	THOMPSON LANDING	PRICE'S LANDING	COMMERCE, MO
ZERO N.G.V.D.	274.53	280.00	299.75	301.83
MILE	2.0	20.2	28.2	39.5
LWRP 2014	280.06	289.90	294.74	301.48
01 SEP 2015	11.83/8:00 11.71/15:00	20.39/8:00 20.32/15:00	x x	x x
02 SEP 2015	11.83/8:00 12.02/14:00	20.24/8:00 20.30/14:00	x x	x x

Surveyed by: BOWEN ENGINEERING
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Survey Date: SEPTEMBER 1 & 2, 2015
Plot date: 99999DATE: TIME99999
File name: 99999SCENFILENAME99999

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

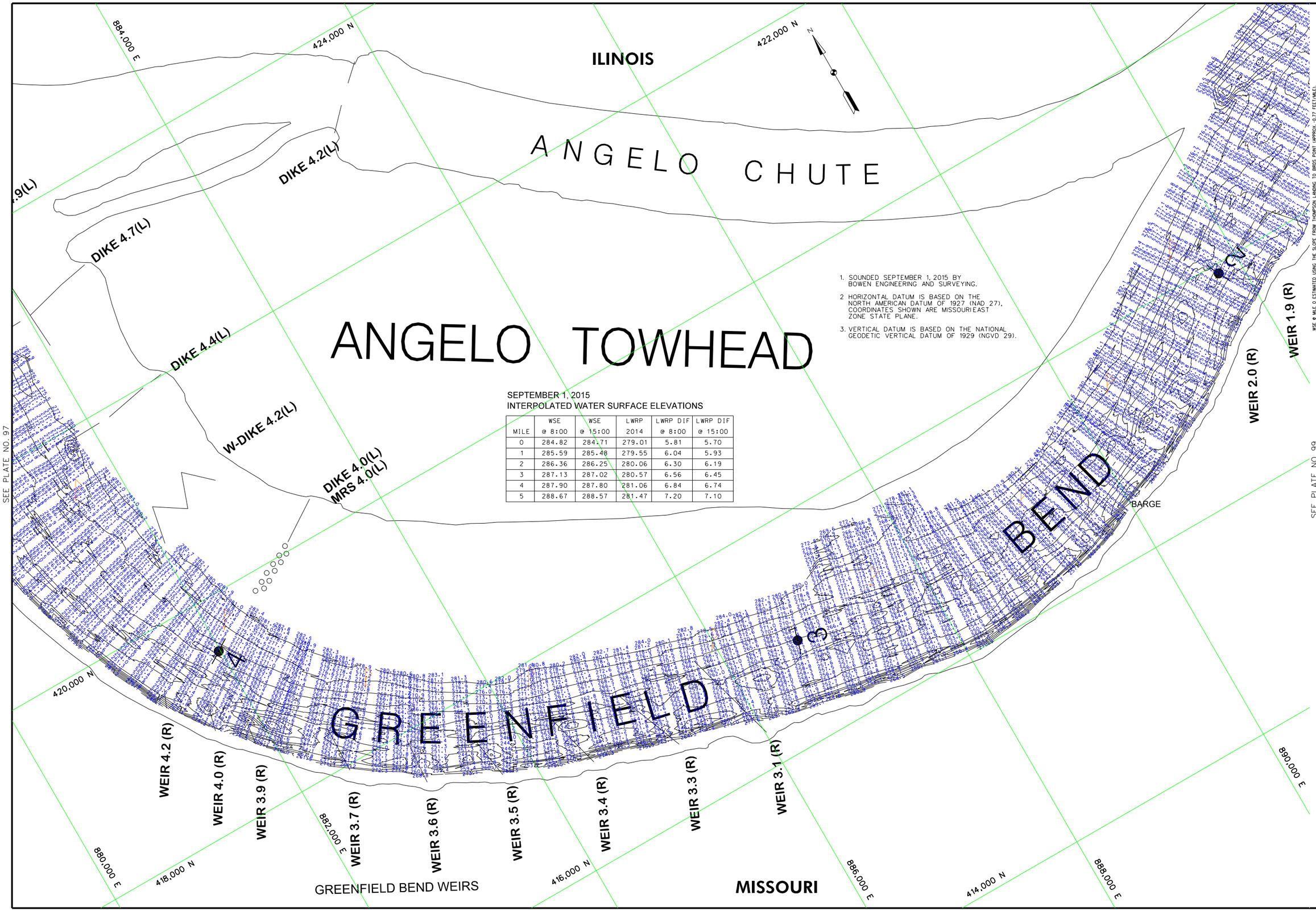
UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

240 METERS
800 FEET
120 400 0 0 120 400

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

HYDROGRAPHIC SURVEYS
RIVER MILES 4.2 – 6.2

PLATE NUMBER
97



1. SOUNDED SEPTEMBER 1, 2015 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).

SEPTEMBER 1, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 8:00	WSE @ 15:00	LWRP 2014	LWRP DIF @ 8:00	LWRP DIF @ 15:00
0	284.82	284.71	279.01	5.81	5.70
1	285.59	285.48	279.55	6.04	5.93
2	286.36	286.25	280.06	6.30	6.19
3	287.13	287.02	280.57	6.56	6.45
4	287.90	287.80	281.06	6.84	6.74
5	288.67	288.57	281.47	7.20	7.10

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	OHIO RIVER (EST)	BIRD'S POINT	THOMPSON LANDING	PRICE'S LANDING
ZERO N.G.V.D.	0	274.53	280.00	299.75
MILE	0.0	2.0	20.2	28.2
LWRP 2014	279.01	280.06	289.90	294.74
01 SEP 2015	284.82@00	11.83@00	11.72@05:00	20.39@00 20.32@5:00
	284.71@5:00			x

WSE @ MILE 0 ESTIMATED USING THE SLOPE FROM THOMPSON LANDING TO BIRDS POINT (APPROX. -0.77 FEET/MILE).

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

Surveyed by: BOWEN ENGINEERING
Survey Date: SEPTEMBER 1, 2015
Drawn by: x
Ckd by: x
Reviewed by: x
SUBMITTED: x
APPROVED: x
Plot date: ####/##/## ##:##:##
File name: ##########.DWG

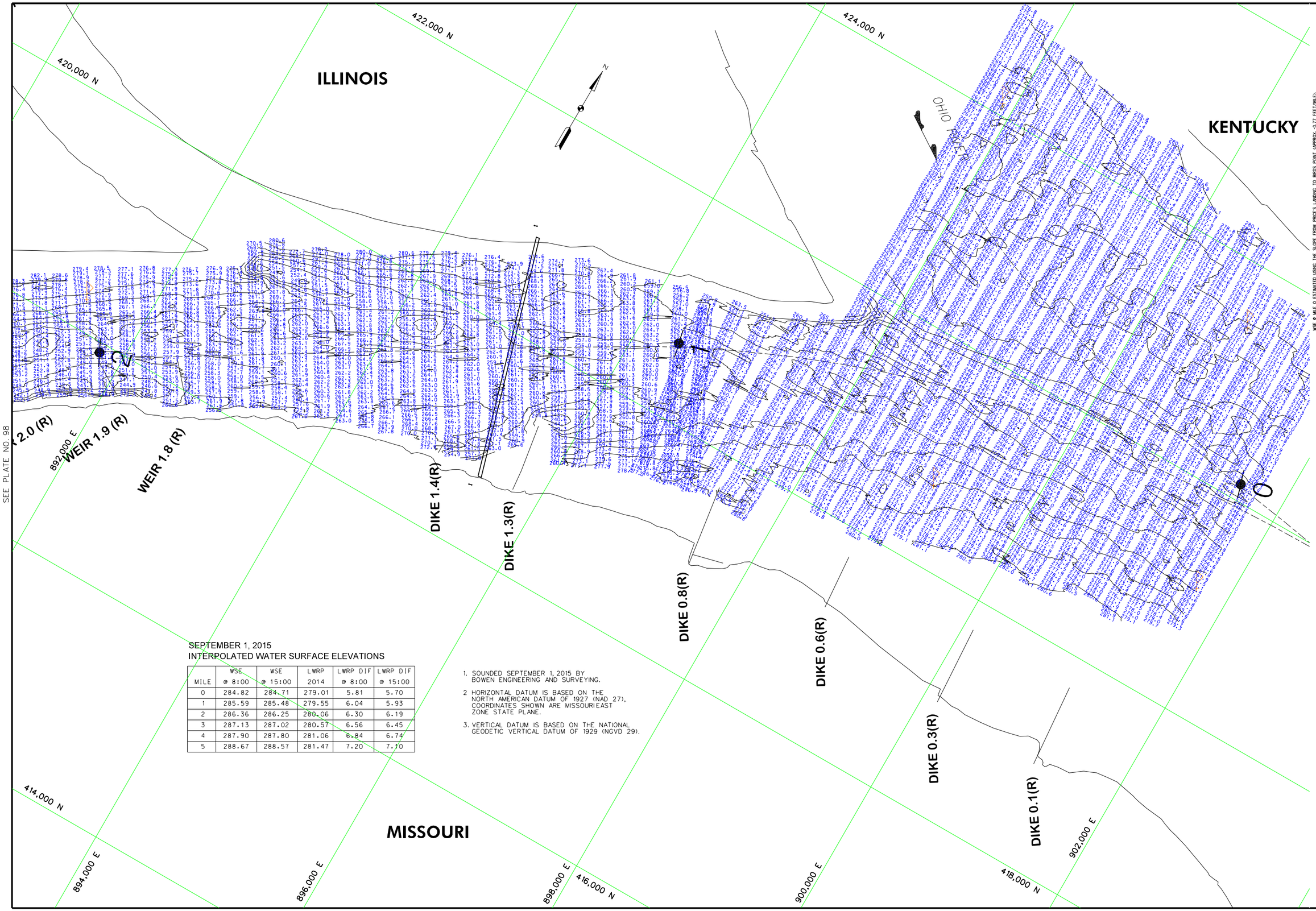
UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

240 METERS 800 FEET
120 400 0 0 120 400

THE INFORMATION REPORTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED. IT MAY NOT BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

HYDROGRAPHIC SURVEYS
RIVER MILES 2.0 – 4.2

PLATE NUMBER
98



SEPTEMBER 1, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 8:00	WSE @ 15:00	LWRP 2014	LWRP DIF @ 8:00	LWRP DIF @ 15:00
0	284.82	284.71	279.01	5.81	5.70
1	285.59	285.48	279.55	6.04	5.93
2	286.36	286.25	280.06	6.30	6.19
3	287.13	287.02	280.57	6.56	6.45
4	287.90	287.80	281.06	6.84	6.74
5	288.67	288.57	281.47	7.20	7.10

1. SOUNDED SEPTEMBER 1, 2015 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).

US Army Corps of Engineers
St. Louis District

WSE @ MILE 0 ESTIMATED USING THE SLOPE FROM PRICE'S LANDING TO BIRDS POINT (APPROX. -0.77 FEET/MILE).

GAGE RECORD

	OHIO RIVER (EST)	BIRD'S POINT	THOMPSON LANDING	PRICE'S LANDING
ZERO N.G.V.D.	0	274.53	280.00	299.75
MILE	0.0	2.0	20.2	28.2
LWRP 2014	279.01	280.06	289.90	294.74
01 SEP 2015	284.82(8:00)	11.83(8:00) 11.72(15:00)	20.39(8:00) 20.32(15:00)	x
	284.71(15:00)			

Surveyed by: BOWEN ENGINEERING
Survey Date: SEPTEMBER 1, 2015
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: 8/8/2016 TUE 7:34:22 AM
File name: R:\8282\DGN\HYDROPLOT\01SEP2015.DGN

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

240 METERS
800 FEET
120 0 120 400 0 400

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE BY THE ST. LOUIS DISTRICT, CORPS OF ENGINEERS AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

HYDROGRAPHIC SURVEYS
RIVER MILES 0 – 2.0

PLATE NUMBER
99