

**August 27, 2020
INTERPOLATED WATER SURFACE ELEVATIONS**

MILE	MP	WS 09:00	WS 11:00	MP DIFF 09:00	MP DIFF 11:00
43.2	418.4	419.8	419.8	1.4	1.4
43.0	418.4	419.8	419.8	1.4	1.4
42.0	418.4	419.8	419.8	1.4	1.4
41.0	418.4	419.8	419.8	1.4	1.4
40.0	418.4	419.8	419.8	1.4	1.4
39.0	418.4	419.8	419.8	1.4	1.4
38.0	418.4	419.8	419.8	1.4	1.4
37.0	418.3	419.7	419.7	1.4	1.4
36.0	418.3	419.7	419.7	1.4	1.4
35.0	418.3	419.7	419.7	1.4	1.4
34.0	418.3	419.7	419.7	1.4	1.4
33.0	418.3	419.7	419.7	1.4	1.4
32.0	418.3	419.7	419.7	1.4	1.4
31.0	418.3	419.7	419.7	1.4	1.4
30.0	418.3	419.7	419.7	1.4	1.4
29.0	418.3	419.7	419.7	1.4	1.4
28.0	418.3	419.7	419.7	1.4	1.4
27.0	418.3	419.7	419.7	1.4	1.4
26.0	418.2	419.6	419.6	1.4	1.4
25.0	418.2	419.6	419.6	1.4	1.4
24.0	418.2	419.6	419.6	1.4	1.4
23.0	418.2	419.6	419.6	1.4	1.4
22.0	418.2	419.6	419.6	1.4	1.4
21.5	418.2	419.6	419.6	1.4	1.4

- Pre Dredge Survey**
- Sounded August 27, 2020 by Prairie Engineers, P.C.
 - Horizontal Datum is based on the North American Datum of 1927 (NAD27). Coordinates shown are Illinois West Zone State Plane.
 - Vertical Datum is based on the National Geodetic Vertical Datum of 1929 (NGVD29).
- Depths shown are below MIN POOL SURFACE
 Red solid contours are 9' below MIN POOL SURFACE
 Green dashed contours are 12' below MIN POOL SURFACE
 Blue dashed contours are 14' below MIN POOL SURFACE

MIN POOL DEPTHS
 DEPTHS AND CONTOURS SHOWN ARE BASED ON DEPTH BELOW MIN POOL SURFACE

PRELIMINARY

This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in USACE Engineering Manual ER 110-1-12.

CASE RECORD

WATER SURFACE	PEARL	HARDIN
ZERO N.G.V.D.	400.0	400.0
MILE	43.2	21.5
MP POOL	418.4	418.2
DATE	27 AUG 2020	418.8 (09:00) 418.6 (10:00) 418.6 (10:00)

ELEVATIONS ARE REFERRED TO NAZD. CONTOURS ARE BELOW MIN POOL SURFACE. WATER REFERENCE PLANE: LAKE MEAD (1985) (7.5)

Survey Date: August 27, 2020

Drawn by:	Checked by:
J.W.	J.P.

Reviewed by: Chief, Engr. Data, Mgmt. Sect.
 APPROVED: Chief, Geospatial Branch

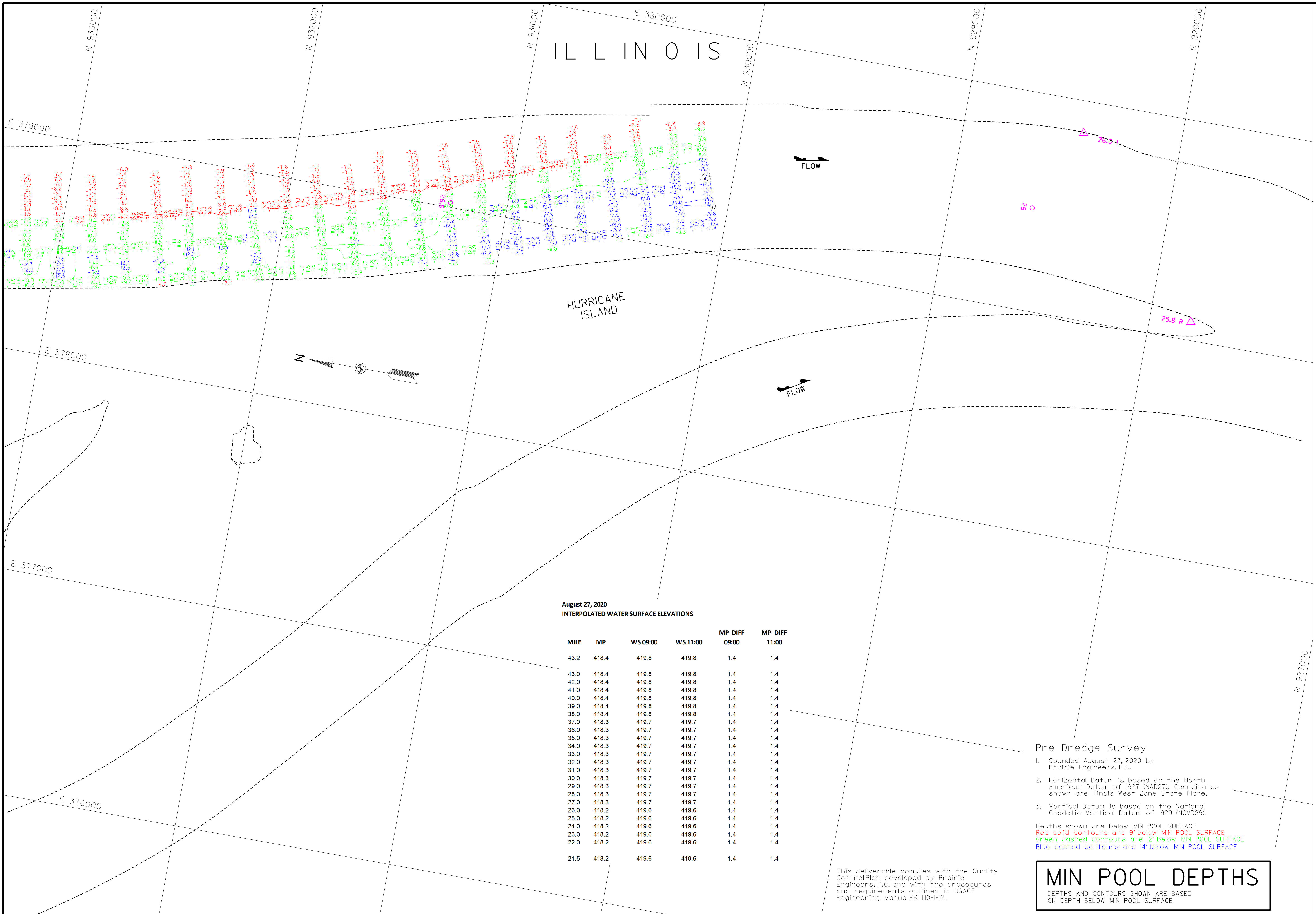
File Name: 02HR2020.mxd
 Plot Date: 8/28/2020
 Plot Scale: 1" = 200'

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

ILLINOIS RIVER BASIN
 ILLINOIS RIVER

PRE DREDGE SURVEY
 RIVER MILES 27.3 - 26.3

PLATE NUMBER
 01



August 27, 2020
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 09:00	WS 11:00	MP DIFF 09:00	MP DIFF 11:00
43.2	418.4	419.8	419.8	1.4	1.4
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40.0	418.4	419.8	419.8	1.4	1.4
39.0	418.4	419.8	419.8	1.4	1.4
38.0	418.4	419.8	419.8	1.4	1.4
37.0	418.3	419.7	419.7	1.4	1.4
36.0	418.3	419.7	419.7	1.4	1.4
35.0	418.3	419.7	419.7	1.4	1.4
34.0	418.3	419.7	419.7	1.4	1.4
33.0	418.3	419.7	419.7	1.4	1.4
32.0	418.3	419.7	419.7	1.4	1.4
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30.0	418.3	419.7	419.7	1.4	1.4
29.0	418.3	419.7	419.7	1.4	1.4
28.0	418.3	419.7	419.7	1.4	1.4
27.0	418.3	419.7	419.7	1.4	1.4
26.0	418.2	419.6	419.6	1.4	1.4
25.0	418.2	419.6	419.6	1.4	1.4
24.0	418.2	419.6	419.6	1.4	1.4
23.0	418.2	419.6	419.6	1.4	1.4
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21.5	418.2	419.6	419.6	1.4	1.4

Pre Dredge Survey

- Sounded August 27, 2020 by Prairie Engineers, P.C.
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Depths shown are below MIN POOL SURFACE
 Red solid contours are 9' below MIN POOL SURFACE
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 Blue dashed contours are 14' below MIN POOL SURFACE

This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in USACE Engineering Manual ER 110-I-12.

MIN POOL DEPTHS

DEPTHS AND CONTOURS SHOWN ARE BASED ON DEPTH BELOW MIN POOL SURFACE

CASE RECORD

ZERO N.G.V.D. MILE	WATER SURFACE	PEARL	HARDIN
400.0	400.0	400.0	400.0
41.2	41.2	41.2	41.2
48.4	48.4	48.4	48.4
DATE	27 AUG 2020	48.8 (09:00)	48.5 (09:00)
		418.8 (09:00)	418.6 (09:00)

ELEVATIONS ARE REFERRED TO NAZD. CONTOURS ARE BELOW MIN POOL SURFACE. WATER REFERENCE PLANE: LAKE OF THE MISSISSIPPI (LWS)

Survey Date: August 27, 2020

Drawn by:	Checked by:
J.W.	J.W.
Reviewed by:	APPROVED:
	Chief, Geospatial Branch

Submitted: Chief, Engr. Data, Mgmt. Sect.
 File Name: 02HR2020.mxd
 Plot Date: 8/28/2020
 Plot Scale: 1" = 200'

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

ILLINOIS RIVER BASIN
ILLINOIS RIVER

60 0 60 METERS
200 0 200 FEET

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY CONDUCTED UNDER THE GENERAL CONDITIONS EXISTING AT THAT TIME.

PRE DREDGE SURVEY
RIVER MILES 27.3 - 26.3

PLATE NUMBER
02