

December 18, 2020
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 12:00	WS 15:30	MP DIFF 12:00 PM	MP DIFF 15:30 PM
80.3	419.1	423.3	423.5	-4.1	-4.4
80.0	419.1	423.2	423.5	-4.1	-4.4
79.0	419.1	423.2	423.4	-4.1	-4.3
78.0	419.1	423.1	423.3	-4.0	-4.3
77.0	419.1	423.0	423.3	-3.9	-4.2
76.0	419.1	422.9	423.2	-3.9	-4.1
75.0	419.0	422.9	423.1	-3.8	-4.1
74.0	419.0	422.8	423.0	-3.8	-4.0
73.0	419.0	422.7	423.0	-3.7	-4.0
72.0	419.0	422.7	422.9	-3.6	-3.9
71.0	419.0	422.6	422.8	-3.6	-3.8
70.8	419.0	422.6	422.6	-3.6	-3.6

CAGE RECORD

ZERO N.G.V.D.	WATER SURFACE	LAGRANGE LOCK (L)	MEREDUSA
MILE			
DATE			
18 DEC 2020			

ELEVATIONS ARE REFERRED TO NATIONAL DATUM UNLESS OTHERWISE INDICATED. ELEVATIONS ARE REFERRED TO NATIONAL DATUM UNLESS OTHERWISE INDICATED.

Survey Date: DEC 18, 2020

Submitted by: PRAIRIE ENGINEERS, INC.

Chief, Engr. Data Mgmt. Sect.: [Name]

File Name: 191820.ms.dwg

Plot Date: 12/22/2020

Plot Scale: 1" = 200'

Approved by: [Name]

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

ILLINOIS RIVER BASIN
ILLINOIS RIVER

60 METERS
200 FEET
400 FEET

PRE DREDGE SURVEY
RIVER MILES 80.0 - 78.5

PLATE NUMBER
1

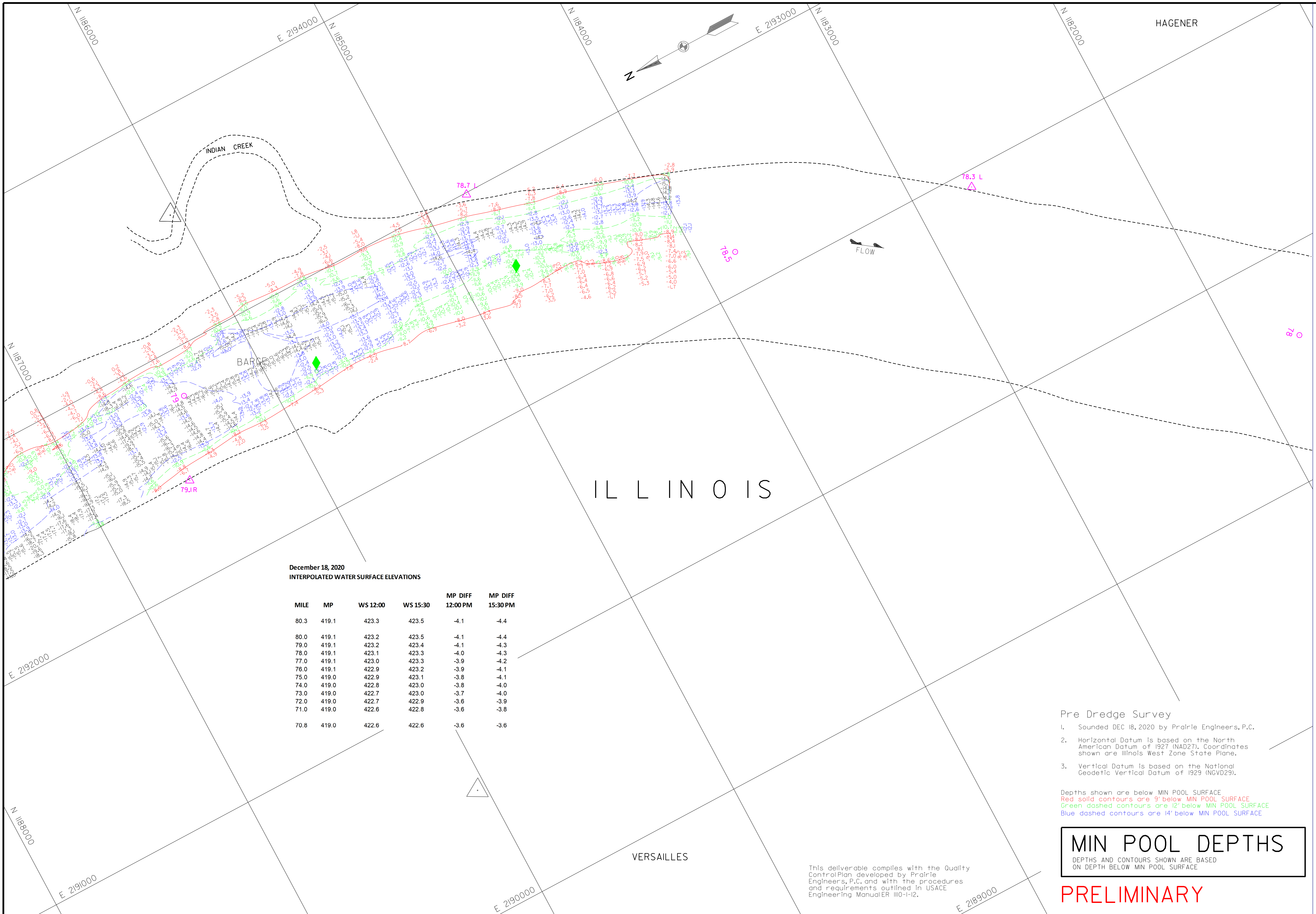
- Pre Dredge Survey
- Sounded DEC 18, 2020 by Prairie Engineers, P.C.
 - Horizontal Datum is based on the North American Datum of 1927 (NAD27). Coordinates shown are Illinois West Zone State Plane.
 - Vertical Datum is based on the National Geodetic Vertical Datum of 1929 (NGVD29).

Depths shown are below MIN POOL SURFACE
Red solid contours are 3' 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-I-12.



December 18, 2020
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 12:00	WS 15:30	MP DIFF 12:00 PM	MP DIFF 15:30 PM
80.3	419.1	423.3	423.5	-4.1	-4.4
80.0	419.1	423.2	423.5	-4.1	-4.4
79.0	419.1	423.2	423.4	-4.1	-4.3
78.0	419.1	423.1	423.3	-4.0	-4.3
77.0	419.1	423.0	423.3	-3.9	-4.2
76.0	419.1	422.9	423.2	-3.9	-4.1
75.0	419.0	422.9	423.1	-3.8	-4.1
74.0	419.0	422.8	423.0	-3.8	-4.0
73.0	419.0	422.7	423.0	-3.7	-4.0
72.0	419.0	422.7	422.9	-3.6	-3.9
71.0	419.0	422.6	422.8	-3.6	-3.8
70.8	419.0	422.6	422.6	-3.6	-3.6

- Pre Dredge Survey**
- Sounded DEC 18, 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.



CAGE RECORD

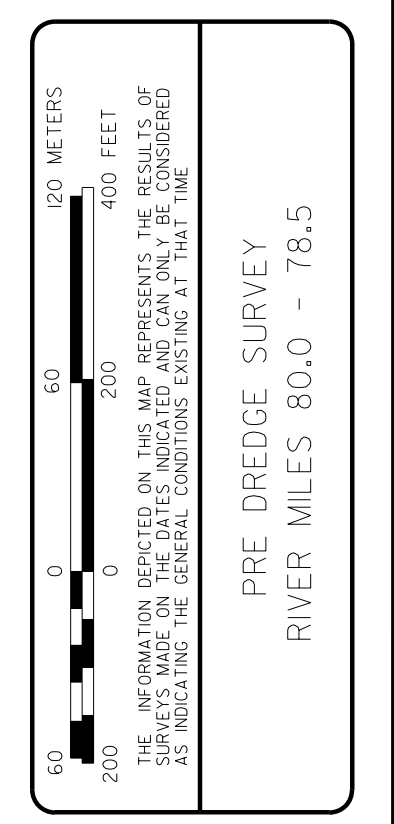
WATER SURFACE	LADRIAN LOCK (L)	MEREDITH
ZERO N.G.V.D.	419.5	418.0
MILE	80.3	70.8
MIN POOL	419.1	418.0
DATE	18 DEC 2020	423.6 (1820)
		422.6 (1830)

ELEVATIONS ARE REFERRED TO NAVAL DATUMS ARE BELOW 100 FT. LOW WATER REFERENCE PLANE (LWRP) (1985) (7.5)

Survey Date: DEC 18, 2020
 SUBMITTED:
 Chief, Engr. Data Mgmt. Sect.
 File Name: 19AB02.mxd
 Plot Date: 12/22/2020
 Plot Scale: 1" = 200'

Supervised by:
 PRAIRIE ENGINEERS
 Drawn by: PCE by:
 JF
 Reviewed by:
 APPROVED:
 Chief, Geospatial Branch

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



PPE DREDGE SURVEY
 RIVER MILES 80.0 - 78.5
 PLATE NUMBER
 2