

Post Dredge Survey - REVISED 11/25/2020

1. Sounded October 5, 2020 by Prairie Engineers, P.C.
2. Horizontal Datum is based on the North American Datum of 1927 (NAD27). Coordinates shown are Illinois West Zone State Plane.
3. 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

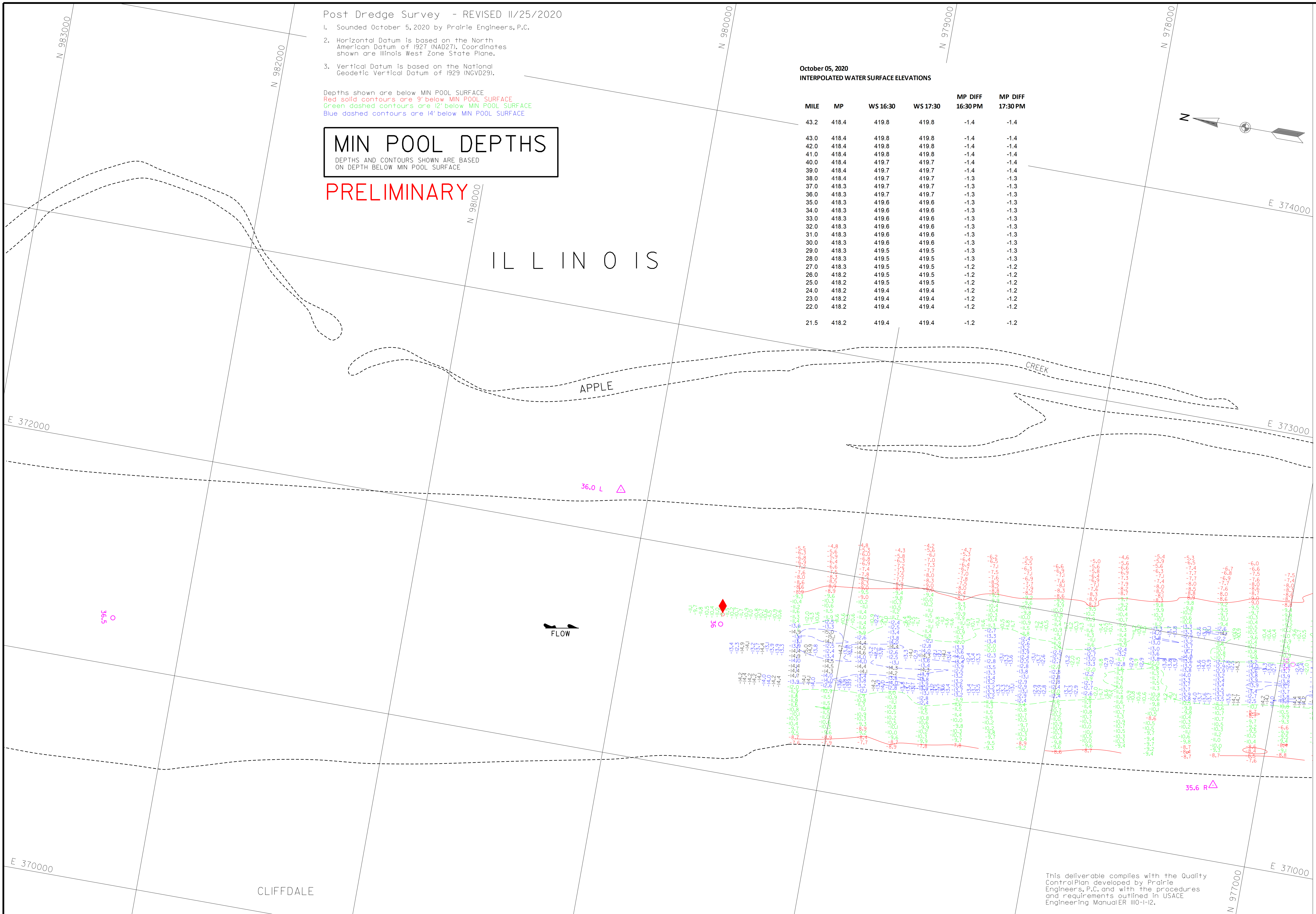
**MIN POOL DEPTHS**  
 DEPTHS AND CONTOURS SHOWN ARE BASED ON DEPTH BELOW MIN POOL SURFACE


**PRELIMINARY**

ILLINOIS

October 05, 2020  
 INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 16:30	WS 17:30	MP DIFF 16:30 PM	MP DIFF 17:30 PM
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	419.7	419.7	-1.4	-1.4
39.0	418.4	419.7	419.7	-1.4	-1.4
38.0	418.4	419.7	419.7	-1.3	-1.3
37.0	418.3	419.7	419.7	-1.3	-1.3
36.0	418.3	419.7	419.7	-1.3	-1.3
35.0	418.3	419.6	419.6	-1.3	-1.3
34.0	418.3	419.6	419.6	-1.3	-1.3
33.0	418.3	419.6	419.6	-1.3	-1.3
32.0	418.3	419.6	419.6	-1.3	-1.3
31.0	418.3	419.6	419.6	-1.3	-1.3
30.0	418.3	419.6	419.6	-1.3	-1.3
29.0	418.3	419.5	419.5	-1.3	-1.3
28.0	418.3	419.5	419.5	-1.3	-1.3
27.0	418.3	419.5	419.5	-1.2	-1.2
26.0	418.2	419.5	419.5	-1.2	-1.2
25.0	418.2	419.5	419.5	-1.2	-1.2
24.0	418.2	419.4	419.4	-1.2	-1.2
23.0	418.2	419.4	419.4	-1.2	-1.2
22.0	418.2	419.4	419.4	-1.2	-1.2
21.5	418.2	419.4	419.4	-1.2	-1.2





**US Army Corps of Engineers**  
St. Louis District

CASE RECORD	
HARDIN	400.0
PEARL	400.0
WATER SURFACE	43.2
ZERO N.G.V.D.	48.2
MILE	418.4
MIN POOL	418.4 (16:30) / 418.4 (17:30)
DATE	05 OCT 2020

ELEVATIONS ARE REFERRED TO N.G.V.D. CONTOURS ARE BELOW 100'S FOR WATER REFERENCE PLANE (LAW 101-500) (2.5)

Survey Date: October 5, 2020

Submitted: Chief, Engr. Data, Mgmt. Sect.

File Name: 050520.mxd

Plot Date: 11/25/2020

Plot Scale: 1" = 200'

Surveyed by: PRAIRIE ENGINEERS	Drawn by: PCE by: JUB
Reviewed by:	APPROVED: Chief, Geospatial Branch

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

ILLINOIS RIVER BASIN  
ILLINOIS RIVER

POST DREDGE SURVEY  
RIVER MILES 35.8-35.1

60 0 60 120 METERS

200 0 200 400 FEET

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY CONDUCTED UNDER THE GENERAL CONDITIONS EXISTING AT THE TIME OF THE SURVEY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE.

PLATE NUMBER

01

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 1110-1-12.





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.

BLUFFDALE

October 05, 2020  
INTERPOLATED WATER SURFACE ELEVATIONS

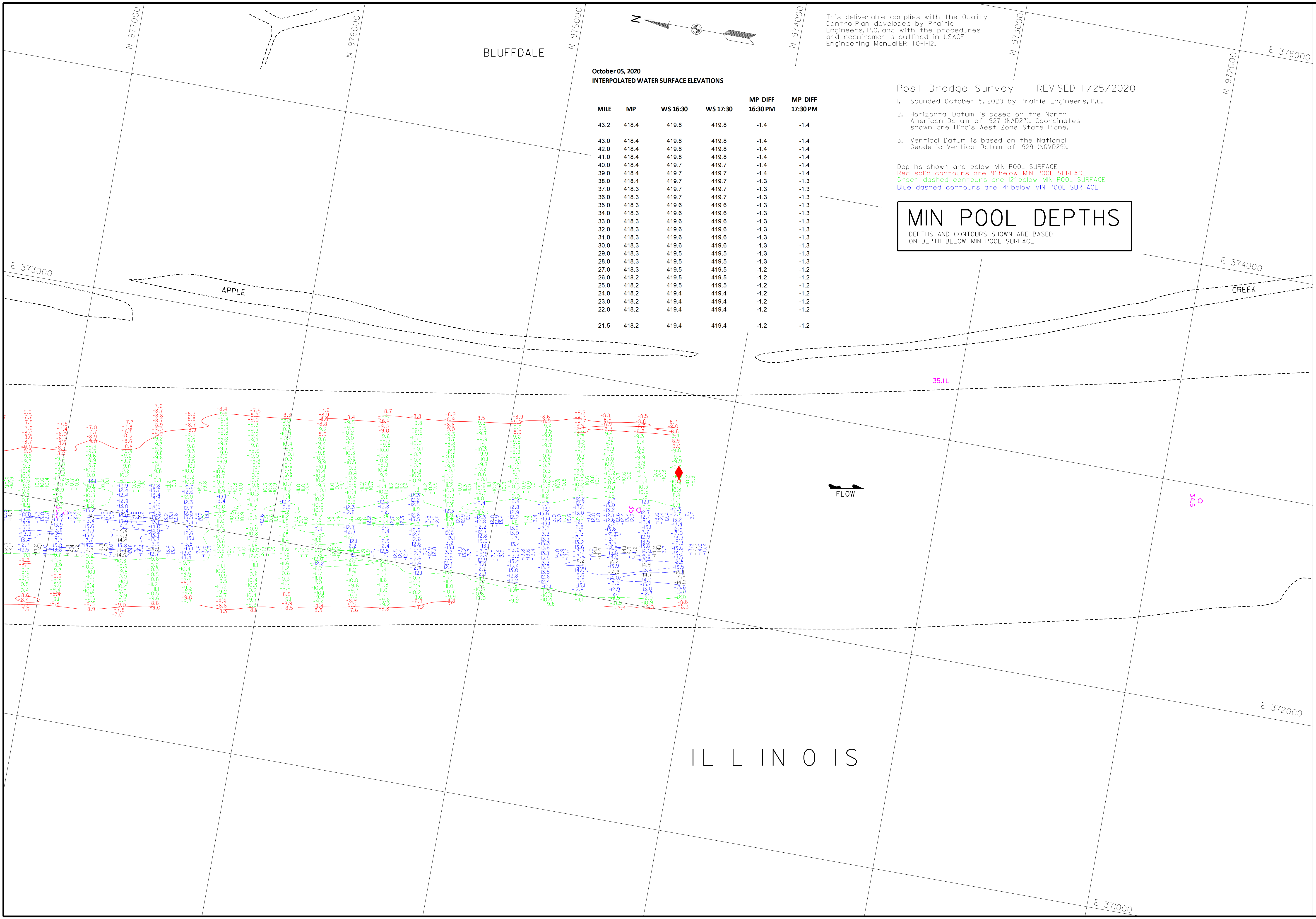
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26.0	418.2	419.5	419.5	-1.2	-1.2
25.0	418.2	419.5	419.5	-1.2	-1.2
24.0	418.2	419.4	419.4	-1.2	-1.2
23.0	418.2	419.4	419.4	-1.2	-1.2
22.0	418.2	419.4	419.4	-1.2	-1.2
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**MIN POOL DEPTHS**  
 DEPTHS AND CONTOURS SHOWN ARE BASED ON DEPTH BELOW MIN POOL SURFACE



CAGE RECORD

WATER SURFACE	PEARL	HARDIN
ZERO N.G.V.D.	400.0	400.0
MILE	43.2	21.5
MIN POOL	418.4	418.2
DATE	05 OCT 2020	05 OCT 2020
	419.5 (16:30)	419.4 (16:30)
	419.5 (17:30)	419.4 (17:30)

ELEVATIONS ARE REFERRED TO N.G.V.D. CONTOURS ARE BELOW 100'S FOR WATER REFERENCE PLANE (LAWD) (500 17.2)

Survey Date: October 5, 2020  
 SUBMITTED:  
 Chief, Engr. Data, Mgmt. Sect.  
 File Name: 050520.mpr.dwg  
 Plot Date: 11/25/2020  
 Plot Scale: 1" = 200'

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

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.

POST DREDGE SURVEY  
 RIVER MILES 35.8-35.1

PLATE NUMBER  
 02