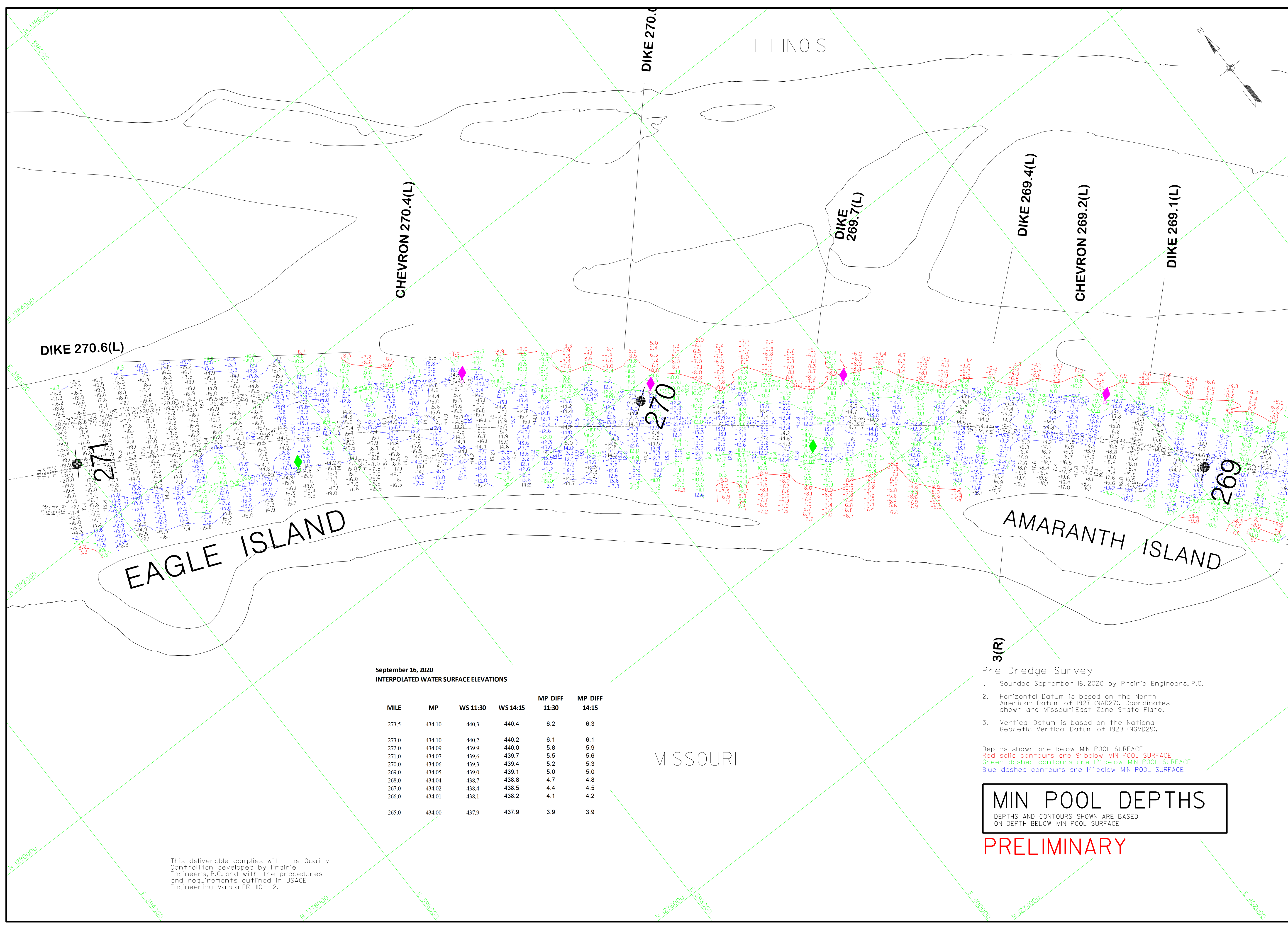


GAGE RECORD	
RRPAP	426.0
L&D 24 (L)	426.0
ZERO NGVD	426.0
MILE	273.5
MIN POOL	434.0
16 SEP 2020	440.4 (1130)
400.4 (1165)	437.9 (1150)
400.4 (1165)	437.9 (1150)

SURVEY DATA	
DATE	September 16, 2020
SUBMITTED	File: 267000.ms, sh, hddp
PREPARED BY	Chief, Engr. Data Mgmt. Sect.
APPROVED	Chief, Geospatial Branch

PRE DREDGE SURVEY	
DATE	September 16, 2020
SCALE	1" = 400'

PLATE NUMBER	
PLATE NUMBER	01



September 16, 2020
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS		MP DIFF	
		11:30	14:15	11:30	14:15
273.5	434.10	440.3	440.4	6.2	6.3
273.0	434.10	440.2	440.2	6.1	6.1
272.0	434.09	439.9	440.0	5.8	5.9
271.0	434.07	439.6	439.7	5.5	5.6
270.0	434.06	439.3	439.4	5.2	5.3
269.0	434.05	439.0	439.1	5.0	5.0
268.0	434.04	438.7	438.8	4.7	4.8
267.0	434.02	438.4	438.5	4.4	4.5
266.0	434.01	438.1	438.2	4.1	4.2
265.0	434.00	437.9	437.9	3.9	3.9

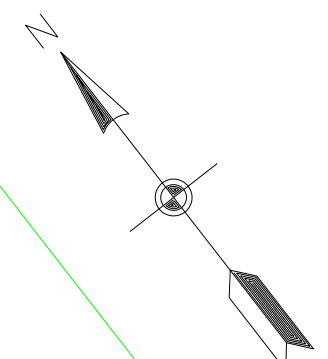
- 3(R)
Pre Dredge Survey
- Sounded September 16, 2020 by Prairie Engineers, P.C.
 - Horizontal Datum is based on the North American Datum of 1927 (NAD27). Coordinates shown are Missouri East Zone State Plane.
 - Vertical Datum is based on the National Geodetic Vertical Datum of 1929 (NGVD29).

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 1110-I-12.



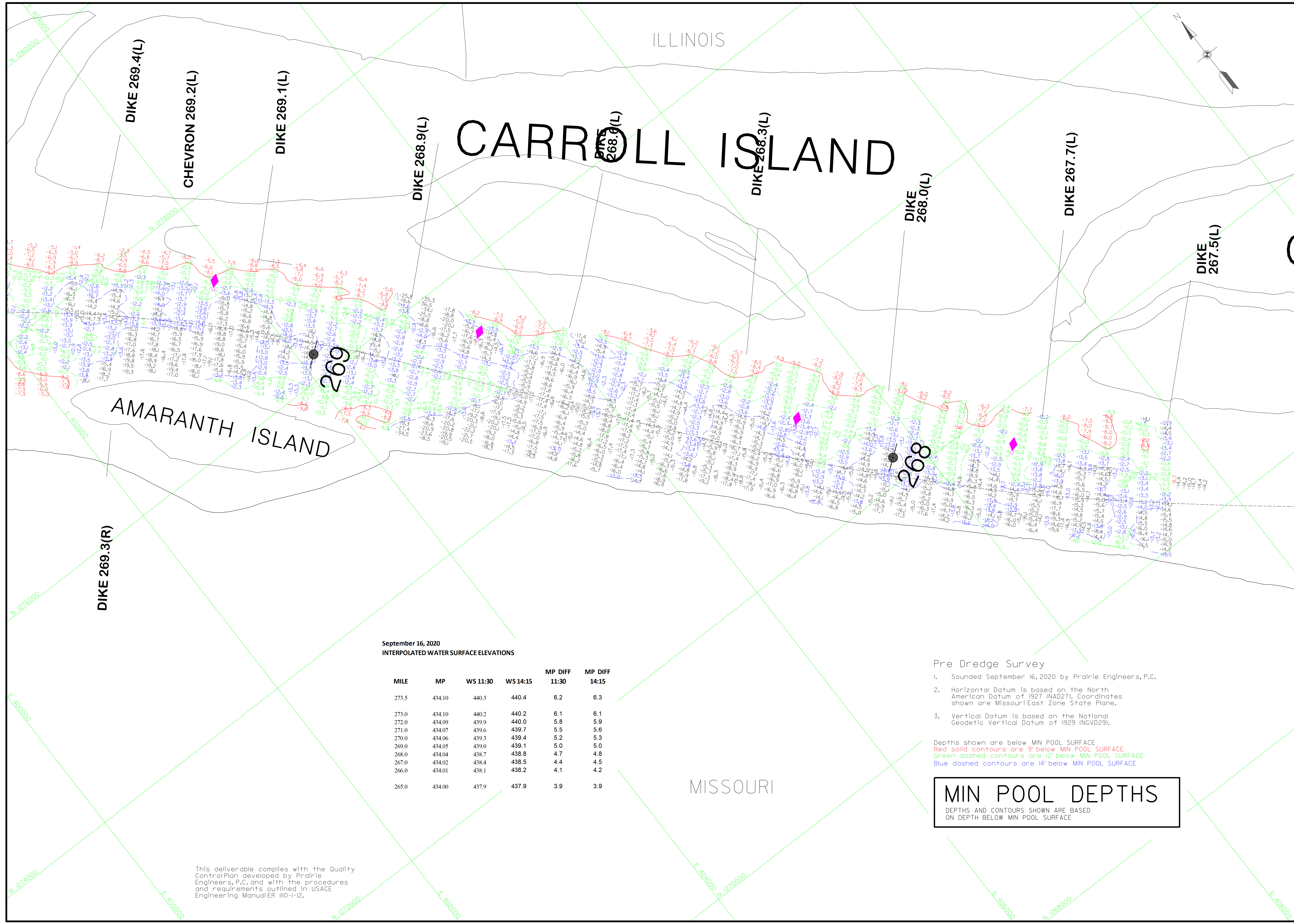
GAGE RECORD	
RRRAP	426.0
L&D 24 (L)	426.0
WATER SURFACE	426.8
ZERO NGVD	233.8
MIN POOL	434.0
16 SEP 2020	440.4 (HS30)
400.1 (HS5)	437.9 (HS30)
	437.9 (HS5)

Survey Date: September 16, 2020	Submitted: Chief, Engr. Data Mgmt. Sect.
Surveyed by: PRAIRIE ENGINEERS	File: 267100.mxd
Drawn by: PRC by: JBB	Plot Date: 9/17/2020
Reviewed by:	Plot Scale: 1"=400'
APPROVED:	Chief, Geospatial Branch

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	UPPER MISSISSIPPI RIVER BASIN MISSISSIPPI RIVER
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240 METERS 800 FEET 400 FEET	PRE DREDGE SURVEY MILE: 271.0 - 267.5
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PLATE NUMBER 02



September 16, 2020
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS		MP DIFF	
		11:30	14:15	11:30	14:15
273.5	434.10	440.3	440.4	6.2	6.3
273.0	434.10	440.2	440.2	6.1	6.1
272.0	434.09	439.9	440.0	5.8	5.9
271.0	434.07	439.6	439.7	5.5	5.6
270.0	434.06	439.3	439.4	5.2	5.3
269.0	434.05	439.0	439.1	5.0	5.0
268.0	434.04	438.7	438.8	4.7	4.8
267.0	434.02	438.4	438.5	4.4	4.5
266.0	434.01	438.1	438.2	4.1	4.2
265.0	434.00	437.9	437.9	3.9	3.9

Pre Dredge Survey

- Sounded September 16, 2020 by Prairie Engineers, P.C.
- Horizontal Datum is based on the North American Datum of 1927 (NAD27). Coordinates shown are Missouri East 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

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.