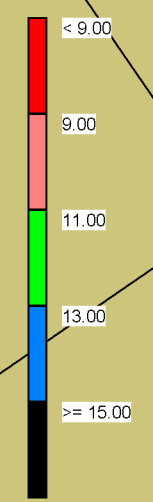
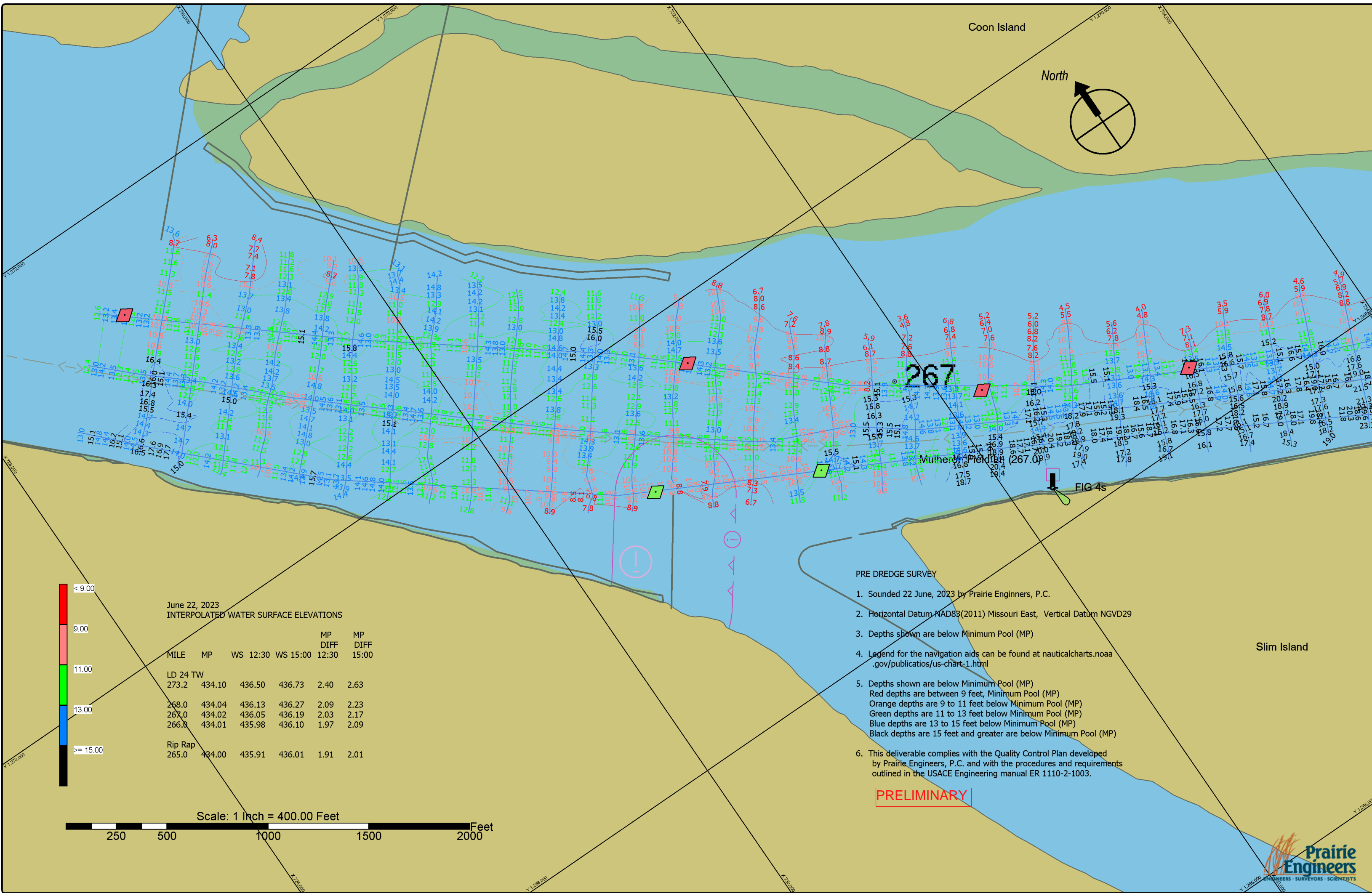
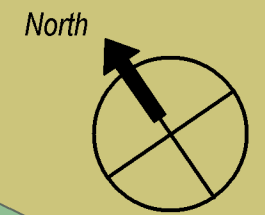


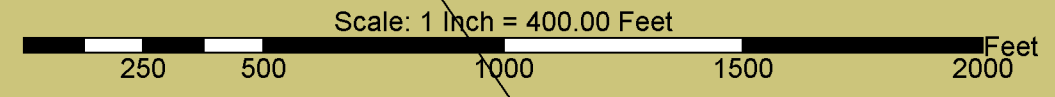


Gage Records 22 June, 2023	
LD 24 TW	12:30 = 14.69 15:00 = 14.92
Rip Rap	12:30 = 9.88 15:00 = 9.98



June 22, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

	MP	WS	12:30	15:00	MP DIFF	MP DIFF
LD 24 TW	273.2	434.10	436.50	436.73	2.40	2.63
268.0	434.04	436.13	436.27	2.09	2.23	
267.0	434.02	436.05	436.19	2.03	2.17	
266.0	434.01	435.98	436.10	1.97	2.09	
Rip Rap	265.0	434.00	435.91	436.01	1.91	2.01



PRE DREDGE SURVEY

- Sounded 22 June, 2023 by Prairie Engineers, P.C.
- Horizontal Datum NAD83(2011) Missouri East, Vertical Datum NGVD29
- Depths shown are below Minimum Pool (MP)
- Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
- Depths shown are below Minimum Pool (MP)
 Red depths are between 9 feet, Minimum Pool (MP)
 Orange depths are 9 to 11 feet below Minimum Pool (MP)
 Green depths are 11 to 13 feet below Minimum Pool (MP)
 Blue depths are 13 to 15 feet below Minimum Pool (MP)
 Black depths are 15 feet and greater are below Minimum Pool (MP)
- This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

PRELIMINARY

SCALE:	ONE INCH = 400 FEET
FIELD BOOKS:	
DATES OF SURVEY:	22 June, 2023
FILE NO.:	
REQUEST NO.:	

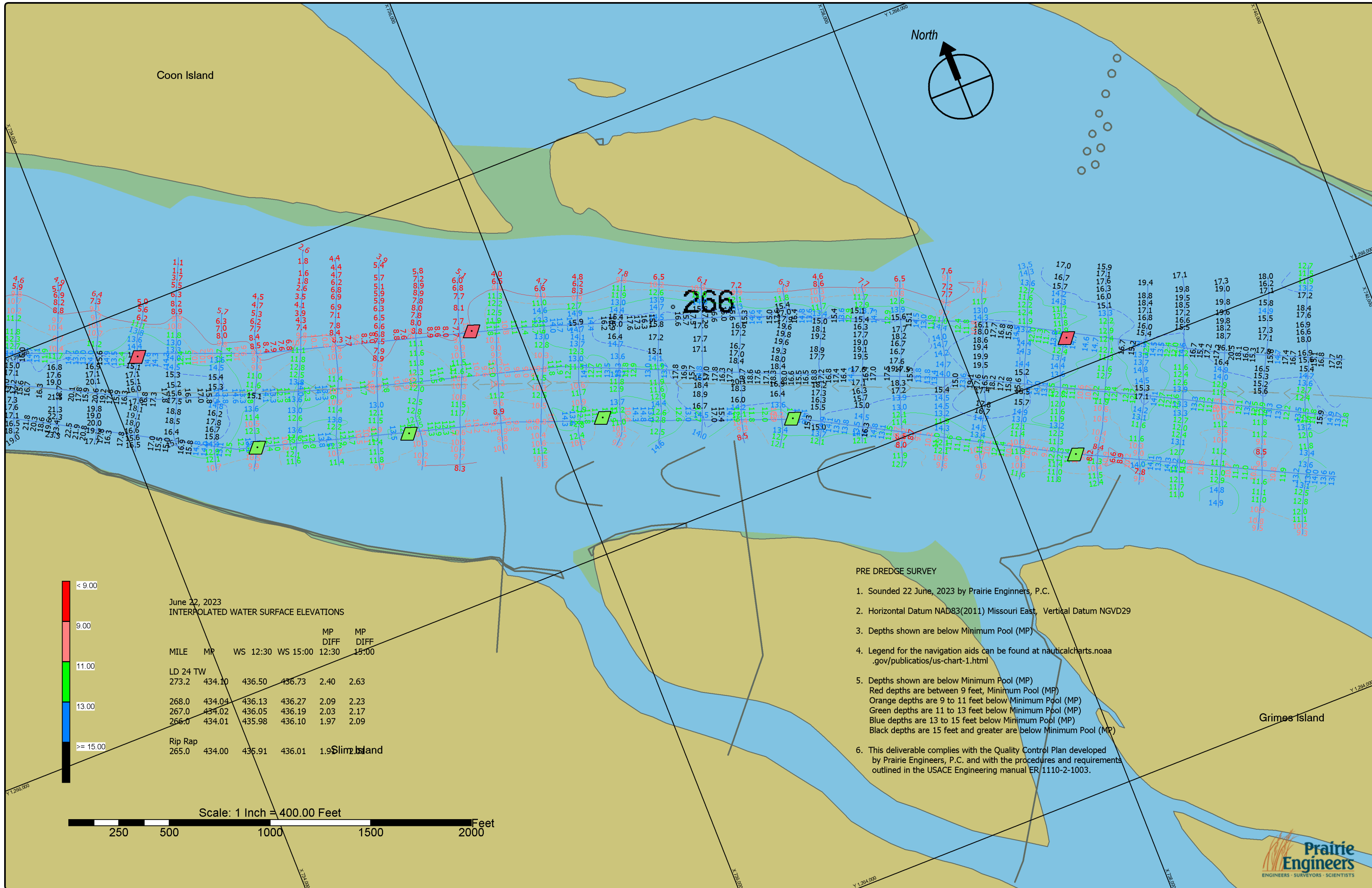
Approved: Abednego Nkem RELAYING ENGINEER	Date: 26 June, 2023
Approved: Jarrett Lancer CIVIL ENGINEERING TECHNICIAN	
Approved: Jarrett Lancer ASST. CHIEF OF SURVEY	
Approved: Darren Foray CHIEF OF SURVEY	

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

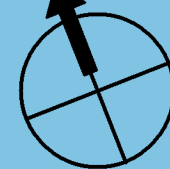
MIDDLE MISSISSIPPI RIVER
PRE DREDGE SURVEY
RIVER MILES 267.7 - 265.4



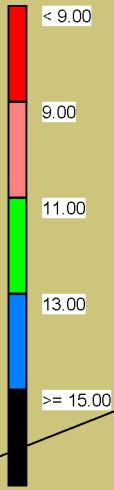


Coon Island

North



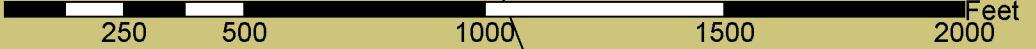
Grimes Island



June 22, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 12:30	WS 15:00	MP DIFF 12:30	MP DIFF 15:00
LD 24 TW	273.2	434.10	436.50	2.40	2.63
268.0	434.04	436.13	436.27	2.09	2.23
267.0	434.02	436.05	436.19	2.03	2.17
266.0	434.01	435.98	436.10	1.97	2.09
Rip Rap	265.0	434.00	435.91	1.91	1.91

Scale: 1 Inch = 400.00 Feet



PRE DREDGE SURVEY

- Sounded 22 June, 2023 by Prairie Engineers, P.C.
- Horizontal Datum NAD83(2011) Missouri East, Vertical Datum NGVD29
- Depths shown are below Minimum Pool (MP)
- Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
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Gage Records 22 June, 2023

LD 24 TW	12:30 = 14.69	15:00 = 14.92
Rip Rap	12:30 = 9.88	15:00 = 9.98

DATES OF SURVEY:

22 June, 2023

SCALE: ONE INCH = 400 FEET

FIELD BOOKS:

FILE NO.:

REQUEST NO.:

Approved: **Abednego Nkem**
REGISTERED PROFESSIONAL ENGINEER

Approved: **Jarrett Langer**
CIVIL ENGINEERING TECHNICIAN

Approved: **Jarrett Langer**
ASST. CHIEF OF SURVEY

Approved: **Darren Foray**
CHIEF OF SURVEY

Date: 26 June, 2023

U.S. ARMY CORPS OF ENGINEERS
 ST. LOUIS DISTRICT
 ST. LOUIS, MISSOURI

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MIDDLE MISSISSIPPI RIVER
 PRE DREDGE SURVEY
 RIVER MILES 267.7 - 265.4

