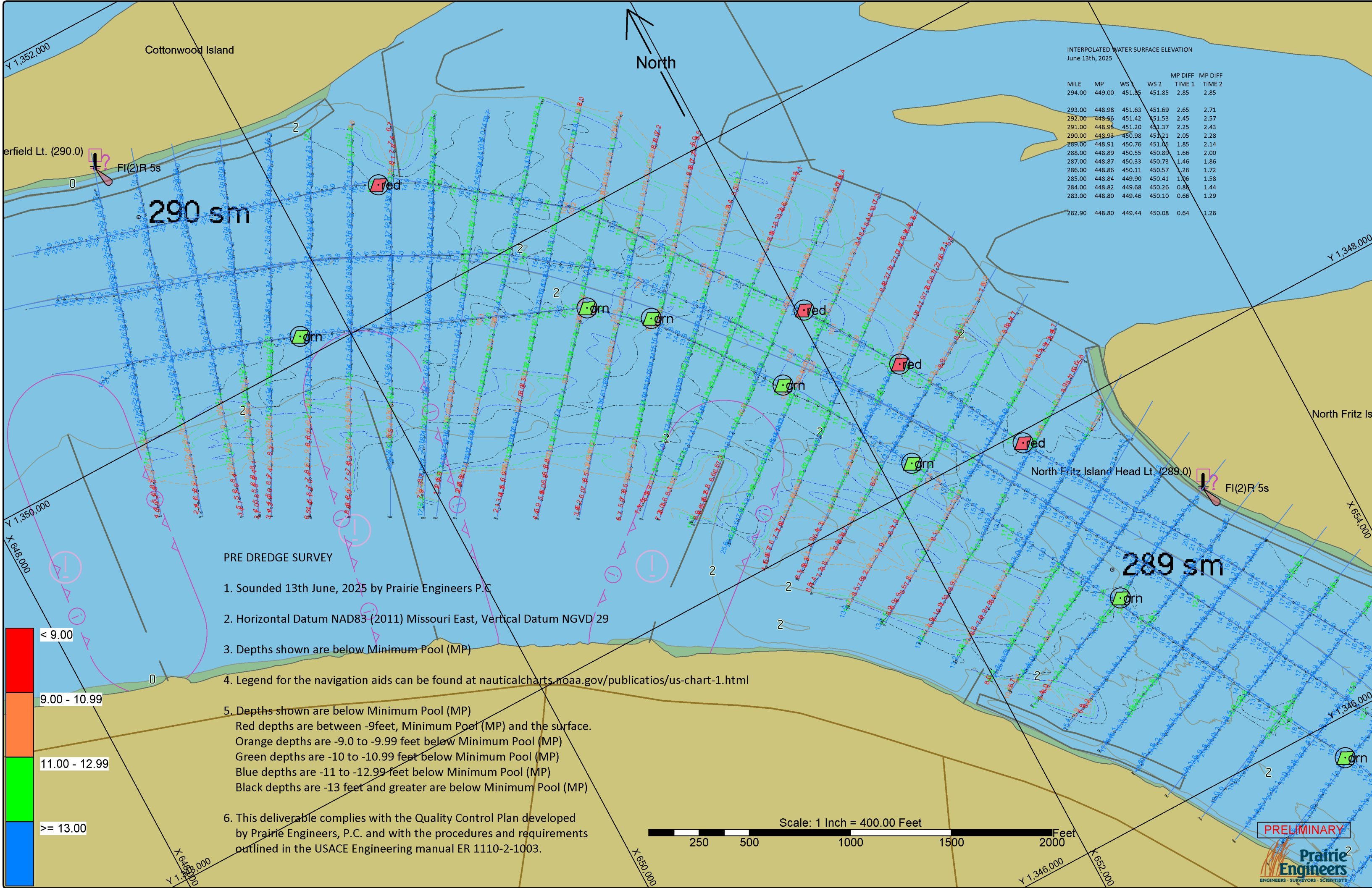




INTERPOLATED WATER SURFACE ELEVATION
June 13th, 2025

MILE	MP	WS 1	WS 2	MP DIFF TIME 1	MP DIFF TIME 2
294.00	449.00	451.85	451.85	2.85	2.85
293.00	448.98	451.63	451.69	2.65	2.71
292.00	448.96	451.42	451.53	2.45	2.57
291.00	448.95	451.20	451.37	2.25	2.43
290.00	448.93	450.98	451.21	2.05	2.28
289.00	448.91	450.76	451.05	1.85	2.14
288.00	448.89	450.55	450.89	1.66	2.00
287.00	448.87	450.33	450.73	1.46	1.86
286.00	448.86	450.11	450.57	1.26	1.72
285.00	448.84	449.90	450.41	1.06	1.58
284.00	448.82	449.68	450.26	0.86	1.44
283.00	448.80	449.46	450.10	0.66	1.29
282.90	448.80	449.44	450.08	0.64	1.28

PRE DREDGE SURVEY

1. Sounded 13th June, 2025 by Prairie Engineers P.C
2. Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publicatios/us-chart-1.html
5. Depths shown are below Minimum Pool (MP)
Red depths are between -9feet, Minimum Pool (MP) and the surface.
Orange depths are -9.0 to -9.99 feet below Minimum Pool (MP)
Green depths are -10 to -10.99 feet below Minimum Pool (MP)
Blue depths are -11 to -12.99 feet below Minimum Pool (MP)
Black depths are -13 feet and greater are below Minimum Pool (MP)
6. 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.



ST. LOUIS

Gage Records 13th June 2025

Mundy @ 1100PM = 10.0ft; @ 1330PM = 10.0ft
Louisiana @ 100PM = 12.11ft; @ 1330PM = 12.75ft

DATES OF SURVEY:
JUNE 13th 2025

FILE NO.:
REQUEST NO.:

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Aledhoro Nkomo
CHIEF OF SURVEY

Approved: Roger Batty
CHIEF OF SURVEY

Approved: Chris Groleau
CHIEF OF SURVEY

Approved: Tristan Harper
CHIEF OF SURVEY

Date: June 18th, 2025

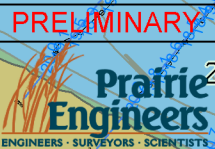
US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

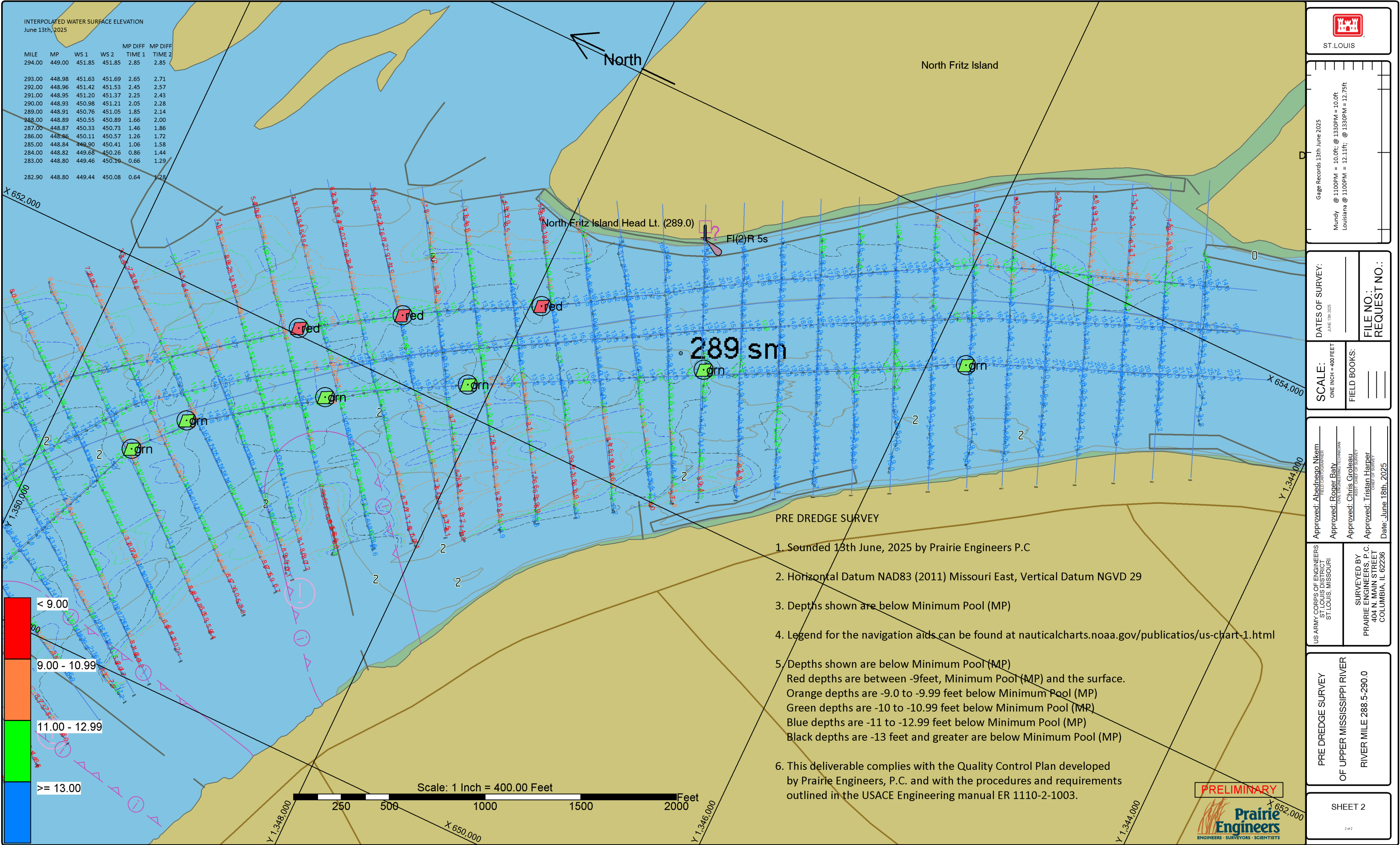
SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

PRE DREDGE SURVEY
OF UPPER MISSISSIPPI RIVER
RIVER MILE 288.5-290.0

SHEET 1

1 of 2





INTERPOLATED WATER SURFACE ELEVATION
June 13th, 2025

MILE	MP	WS 1	WS 2	MP DIFF	TIME 1	TIME 2
294.00	449.00	451.85	451.85	2.85	2.85	
293.00	448.98	451.63	451.69	2.65	2.71	
292.00	448.96	451.42	451.53	2.45	2.57	
291.00	448.95	451.20	451.37	2.25	2.43	
290.00	448.93	450.98	451.21	2.05	2.28	
289.00	448.91	450.76	451.05	1.85	2.14	
288.00	448.89	450.55	450.89	1.66	2.00	
287.00	448.87	450.33	450.73	1.46	1.86	
286.00	448.86	450.11	450.57	1.26	1.72	
285.00	448.84	449.90	450.41	1.06	1.58	
284.00	448.82	449.68	450.26	0.86	1.44	
283.00	448.80	449.46	450.10	0.66	1.29	
282.90	448.80	449.44	450.08	0.64	1.28	

North

North Fritz Island

North Fritz Island Head Lt. (289.0)

FI(2)R 5s

289 sm

PRE DREDGE SURVEY

1. Sounded 13th June, 2025 by Prairie Engineers P.C
2. Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publicatios/us-chart-1.html
5. Depths shown are below Minimum Pool (MP)
Red depths are between -9feet, Minimum Pool (MP) and the surface.
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Green depths are -10 to -10.99 feet below Minimum Pool (MP)
Blue depths are -11 to -12.99 feet below Minimum Pool (MP)
Black depths are -13 feet and greater are below Minimum Pool (MP)
6. 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

Prairie
Engineers
ENGINEERS - SURVEYORS - SCIENTISTS



ST. LOUIS

Gage Records 13th June 2025

Mundy @ 1100PM = 10.0ft; @ 1330PM = 10.0ft
Louisiana @ 1100PM = 12.11ft; @ 1330PM = 12.75ft

DATES OF SURVEY:
JUNE 13th 2025

FILE NO.:
REQUEST NO.:

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Aledhoro Nkem
DEPUTY CHIEF OF SURVEY

Approved: Roger Baty
CIVIL ENGINEERING TECHNICIAN

Approved: Chris Groleau
ASST. CHIEF OF SURVEY

Approved: Tristan Harper
CHIEF OF SURVEY
Date: June 18th, 2025

US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

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

PRE DREDGE SURVEY
OF UPPER MISSISSIPPI RIVER
RIVER MILE 288.5-290.0

SHEET 2

2 of 2