

June 8, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 11:00	WS 15:30	MP DIFF 11:00	MP DIFF 15:30
Mundy					
294.0	449.00	452.05	451.85	3.05	2.85
293.0	448.98	451.54	451.36	2.56	2.38
292.0	448.96	451.29	451.12	2.32	2.16
291.0	448.95	451.03	450.88	2.09	1.93
290.0	448.93	450.78	450.63	1.85	1.71
289.0	448.91	450.53	450.39	1.62	1.48
288.0	448.89	450.27	450.15	1.38	1.26
287.0	448.87	450.02	449.90	1.14	1.03
286.0	448.86	449.76	449.66	0.91	0.80
285.0	448.84	449.51	449.42	0.67	0.58
284.0	448.82	449.26	449.17	0.44	0.35
283.0	448.80	449.00	448.93	0.20	0.13
Louisiana					
282.9	448.80	449.23	449.15	0.43	0.35

CHANNEL PATROL SURVEY

- Sounded 8 June, 2023 by Prairie Enginners, 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/publicatios/us-chart-1.html
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Gage Records 8 June, 2023

LD 22	11:00 = 8.39	15:30 = 7.95
Mundy	11:00 = 10.2	15:30 = 10.0
Louisiana	11:00 = 11.90	15:30 = 11.82
LD 24	11:00 = 26.09	15:30 = 26.36

DATES OF SURVEY:
8 June, 2023

FILE NO.:
REQUEST NO.:

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

Approved: **Abednego Nkem**
RELAY OPERATOR

Approved: **Jarrett Lancer**
CIVIL ENGINEERING TECHNICIAN

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

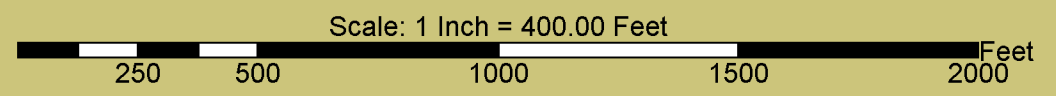
Approved: **Darren Foray**
CHIEF OF SURVEY

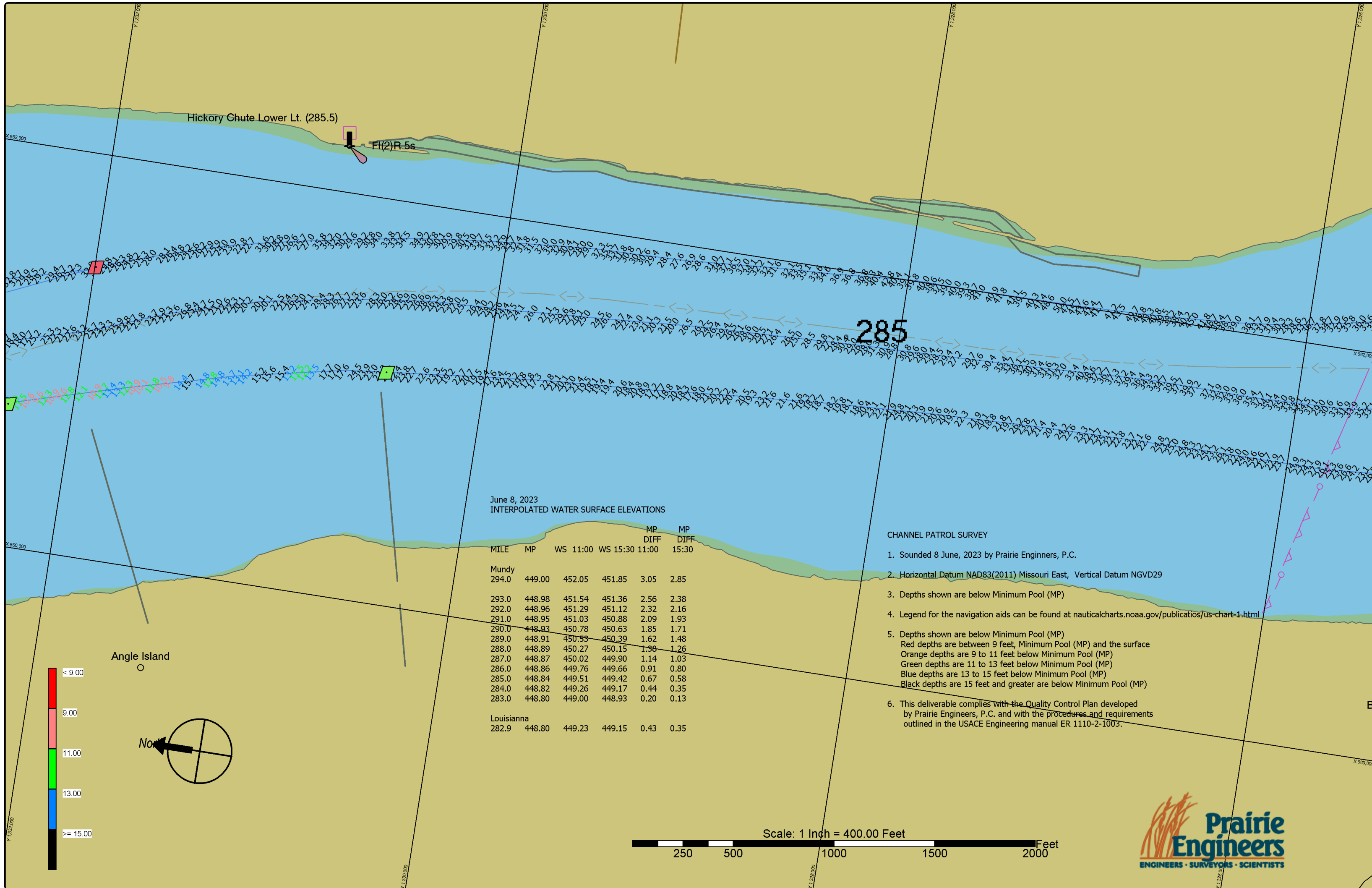
Date: 15 June, 2023

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
CHANNEL PATROL SURVEY
RIVER MILES 300.0 - 273.5





June 8, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

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Approved: **Abderrahmou Nkem**
RELAY OPERATOR

Approved: **Jarrett Langer**
CIVIL ENGINEERING TECHNICIAN

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

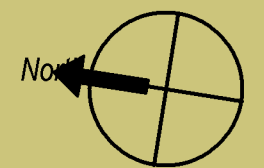
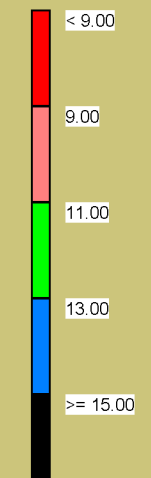
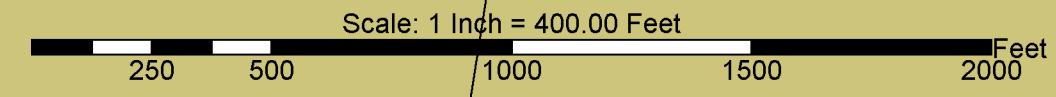
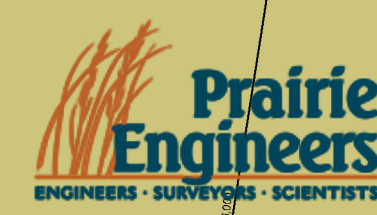
Approved: **Darren Foray**
CHIEF OF SURVEY

Date: 15 June, 2023

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

SURVEYED BY
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404 N. MAIN STREET
COLUMBIA, IL. 62236

MIDDLE MISSISSIPPI RIVER
CHANNEL PATROL SURVEY
RIVER MILES 300.0 - 273.5





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FIELD BOOKS:

Approved: **Abednego Nkomo**
RELAY CHIEF OF SURVEY

Approved: **Jarrett Langer**
CIVIL ENGINEERING TECHNICIAN

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

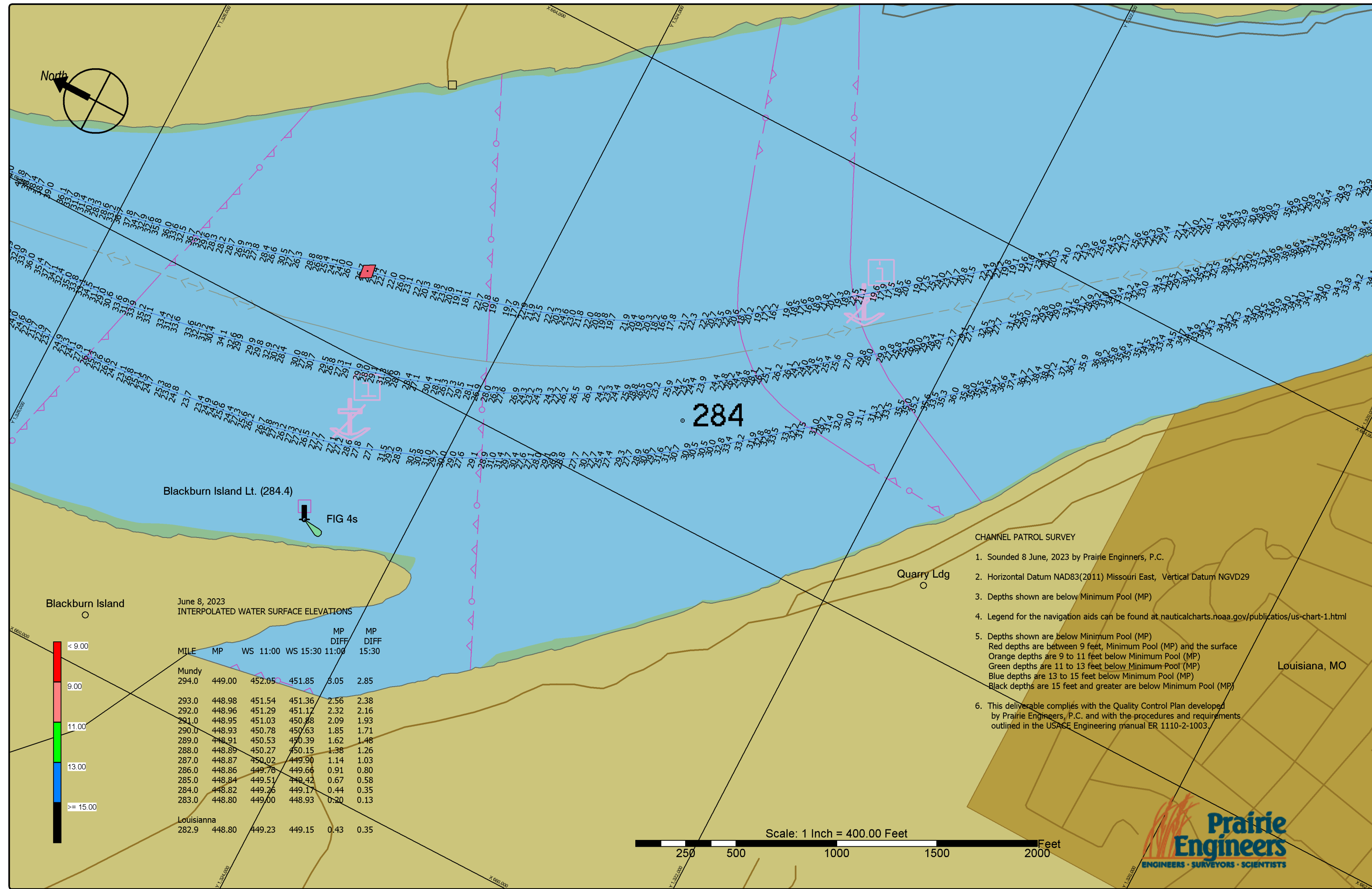
Approved: **Darren Foray**
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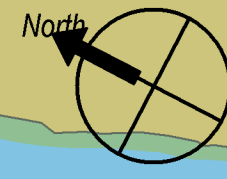


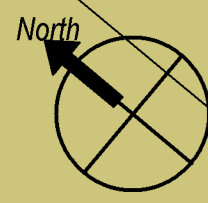
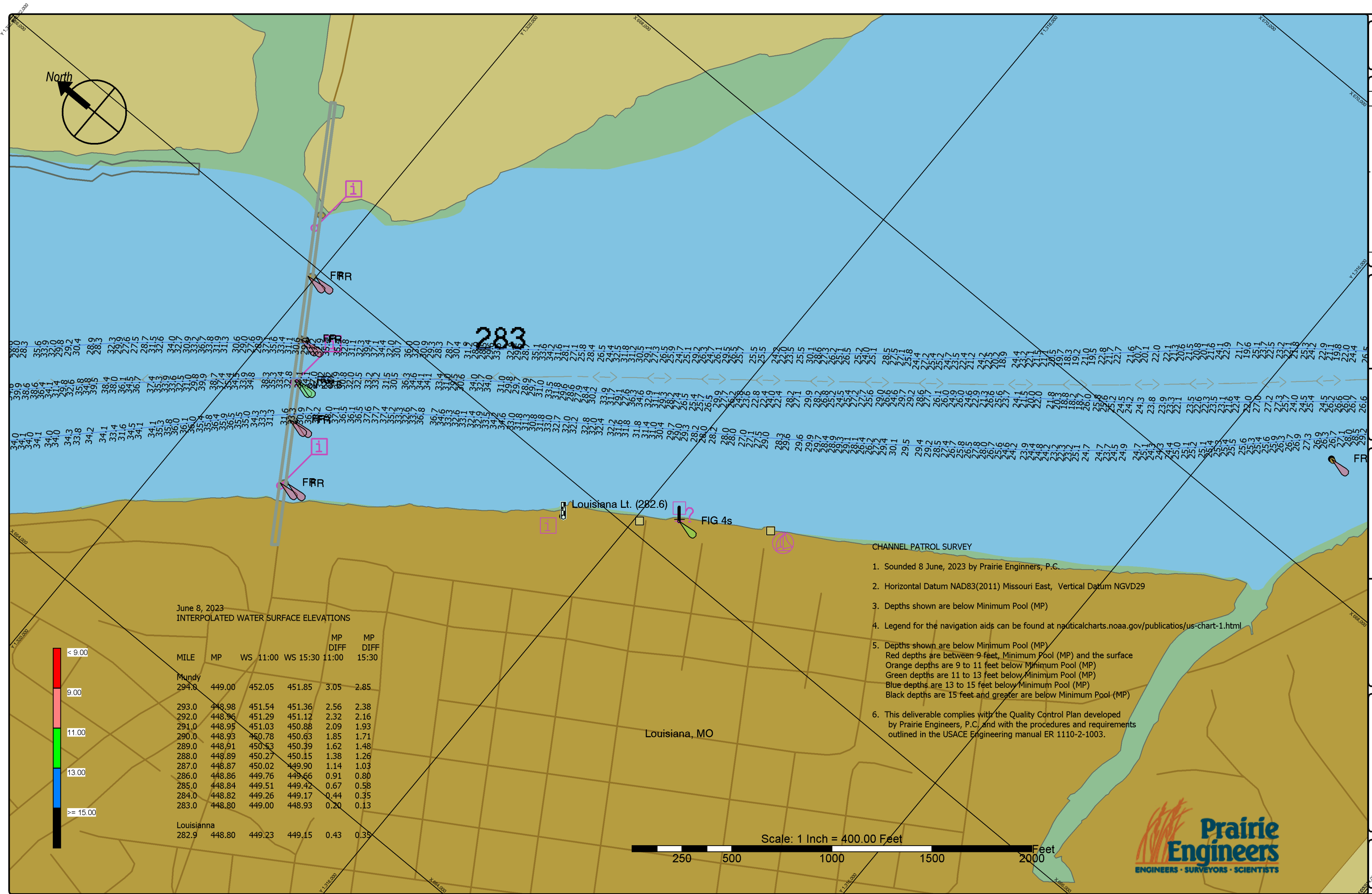
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CHANNEL PATROL SURVEY

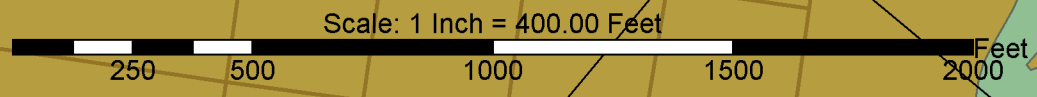
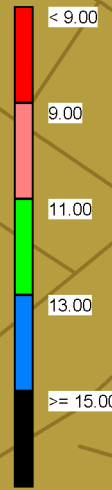
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REQUEST NO.:	

SCALE:	ONE INCH = 400 FEET
FIELD BOOKS:	

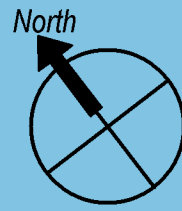
Approved: **Abednego Nkem**
 RELAY OPERATOR
 Approved: **Jarrett Lancer**
 CIVIL ENGINEERING TECHNICIAN
 Approved: **Jarrett Lancer**
 ASST. CHIEF OF SURVEY
 Approved: **Darren Foray**
 CHIEF OF SURVEY
 Date: 15 June, 2023

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

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 COLUMBIA, IL. 62236

MIDDLE MISSISSIPPI RIVER
 CHANNEL PATROL SURVEY
 RIVER MILES 300.0 - 273.5





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Approved: Abdennour Nkem RELAYING ENGINEER	Date: 15 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

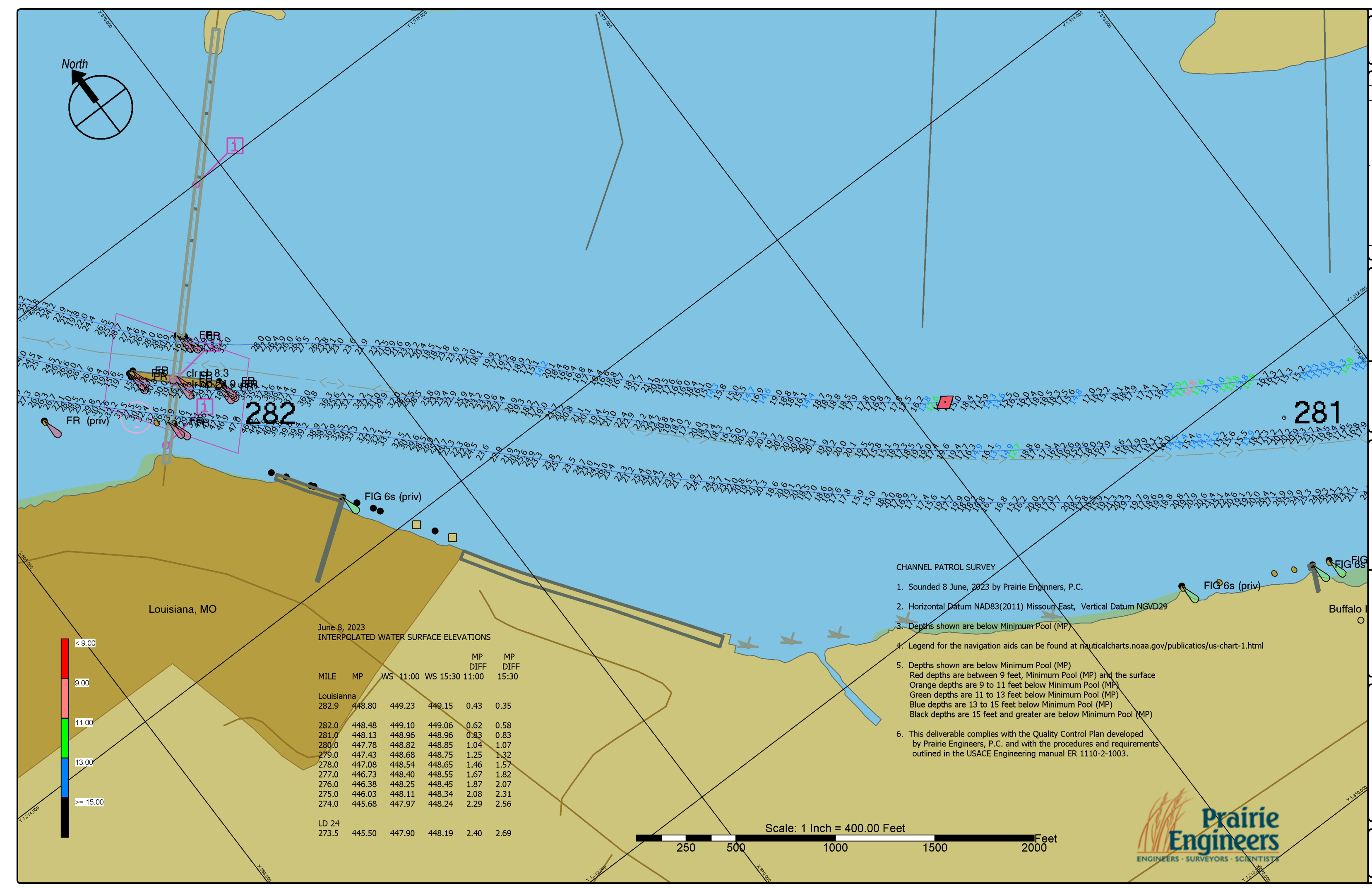
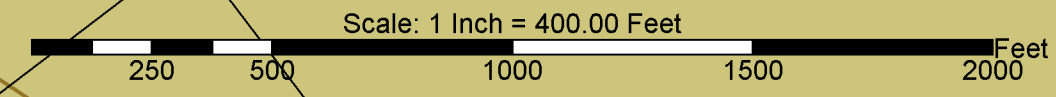
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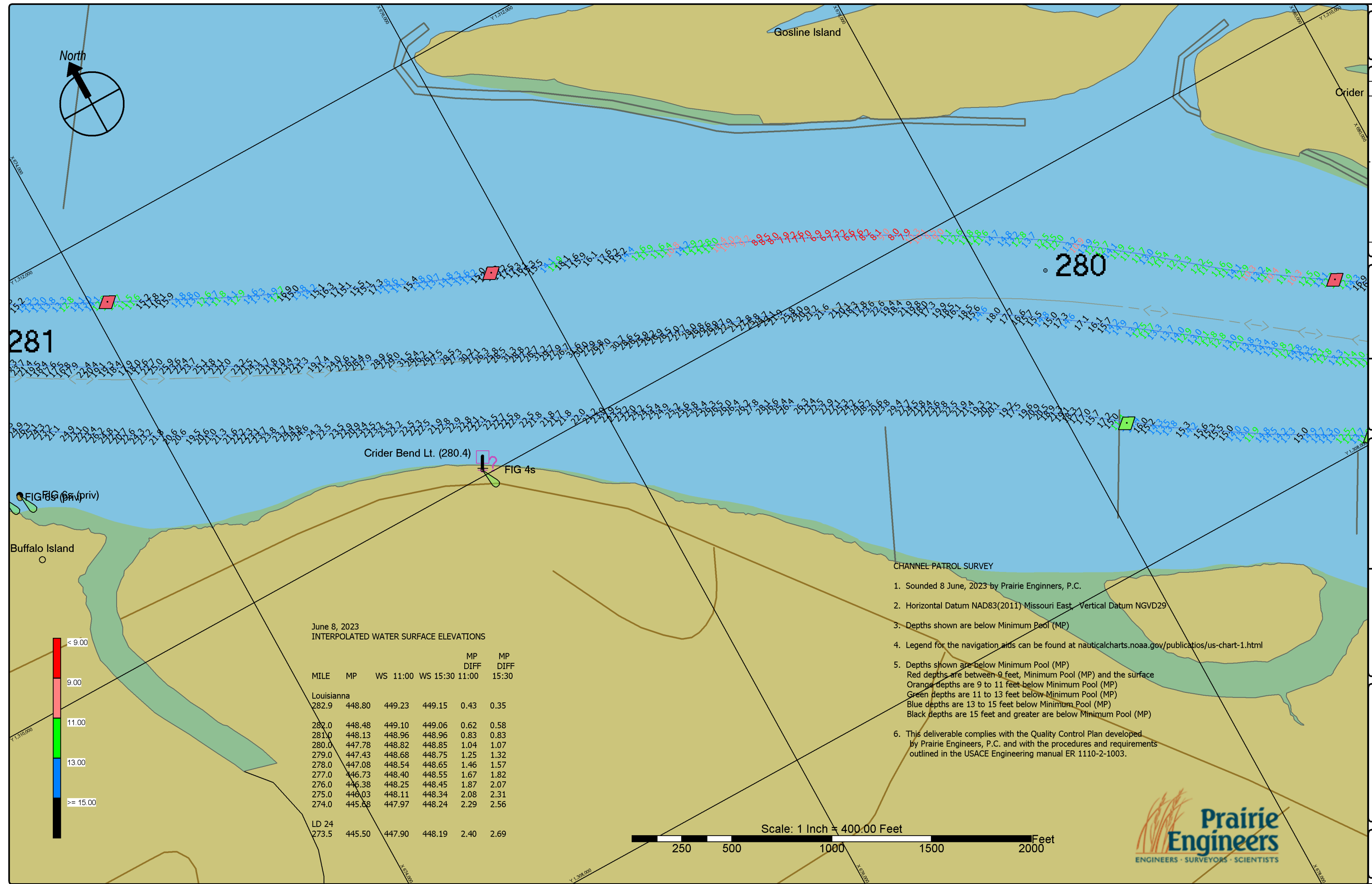
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CHANNEL PATROL SURVEY
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279.0	447.43	448.68	448.75	1.25	1.32
278.0	447.08	448.54	448.65	1.46	1.57
277.0	446.73	448.40	448.55	1.67	1.82
276.0	446.38	448.25	448.45	1.87	2.07
275.0	446.03	448.11	448.34	2.08	2.31
274.0	445.68	447.97	448.24	2.29	2.56
LD 24					
273.5	445.50	447.90	448.19	2.40	2.69

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281

280

Crider Bend Lt. (280.4)

FIG 4s (priv)

Buffalo Island

Scale: 1 Inch = 400.00 Feet



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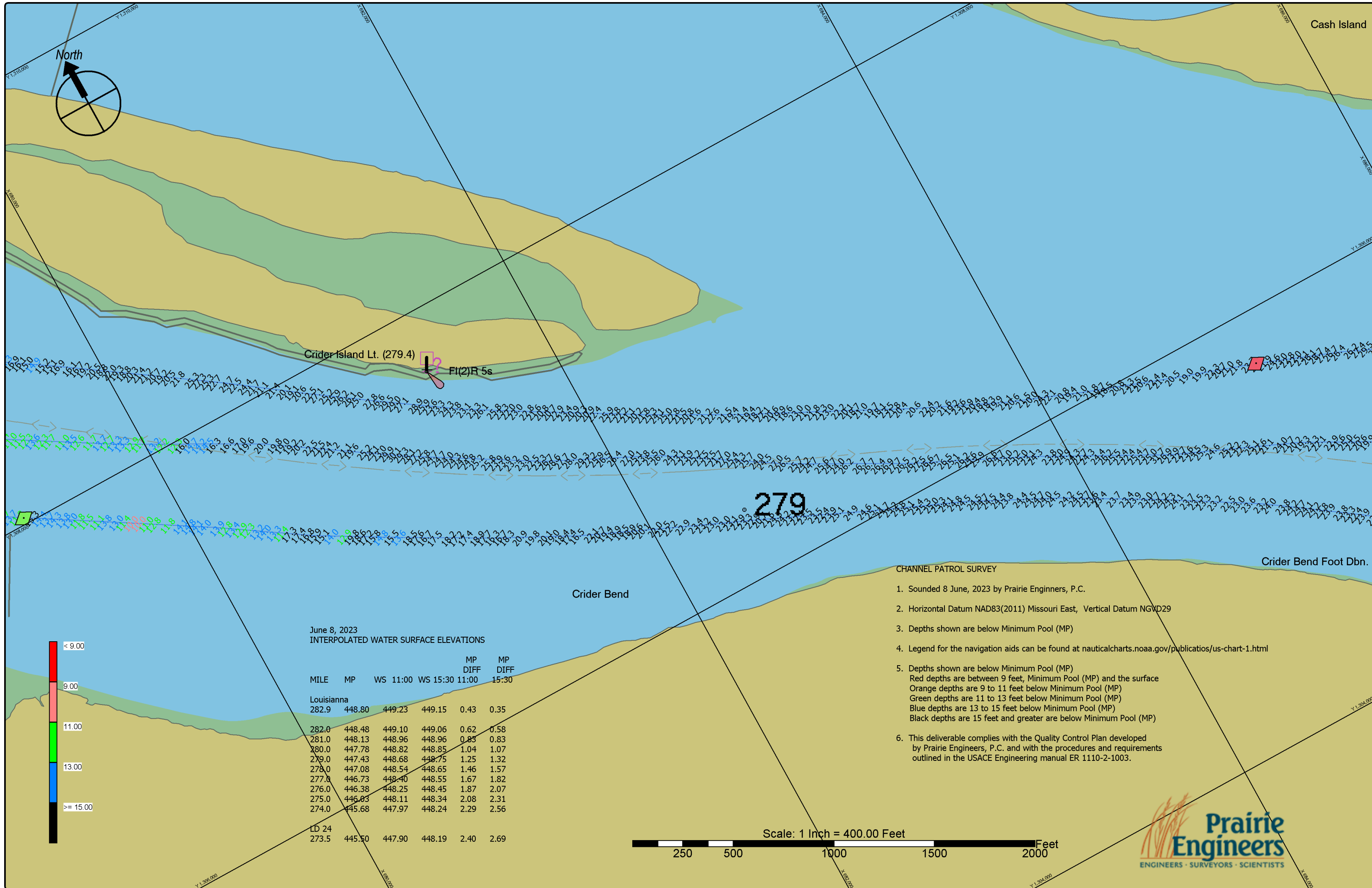
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Approved: **Abderrahmou Nkem**
 RELAY CHIEF OF SURVEY
 Approved: **Jarrett Lancer**
 CIVIL ENGINEERING TECHNICIAN
 Approved: **Jarrett Lancer**
 ASST. CHIEF OF SURVEY
 Approved: **Darren Foray**
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MIDDLE MISSISSIPPI RIVER
 CHANNEL PATROL SURVEY
 RIVER MILES 300.0 - 273.5





Crider Island Lt. (279.4)

FI(2)R 5s

279

Crider Bend

Crider Bend Foot Dbn.

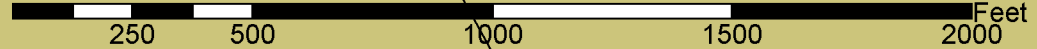
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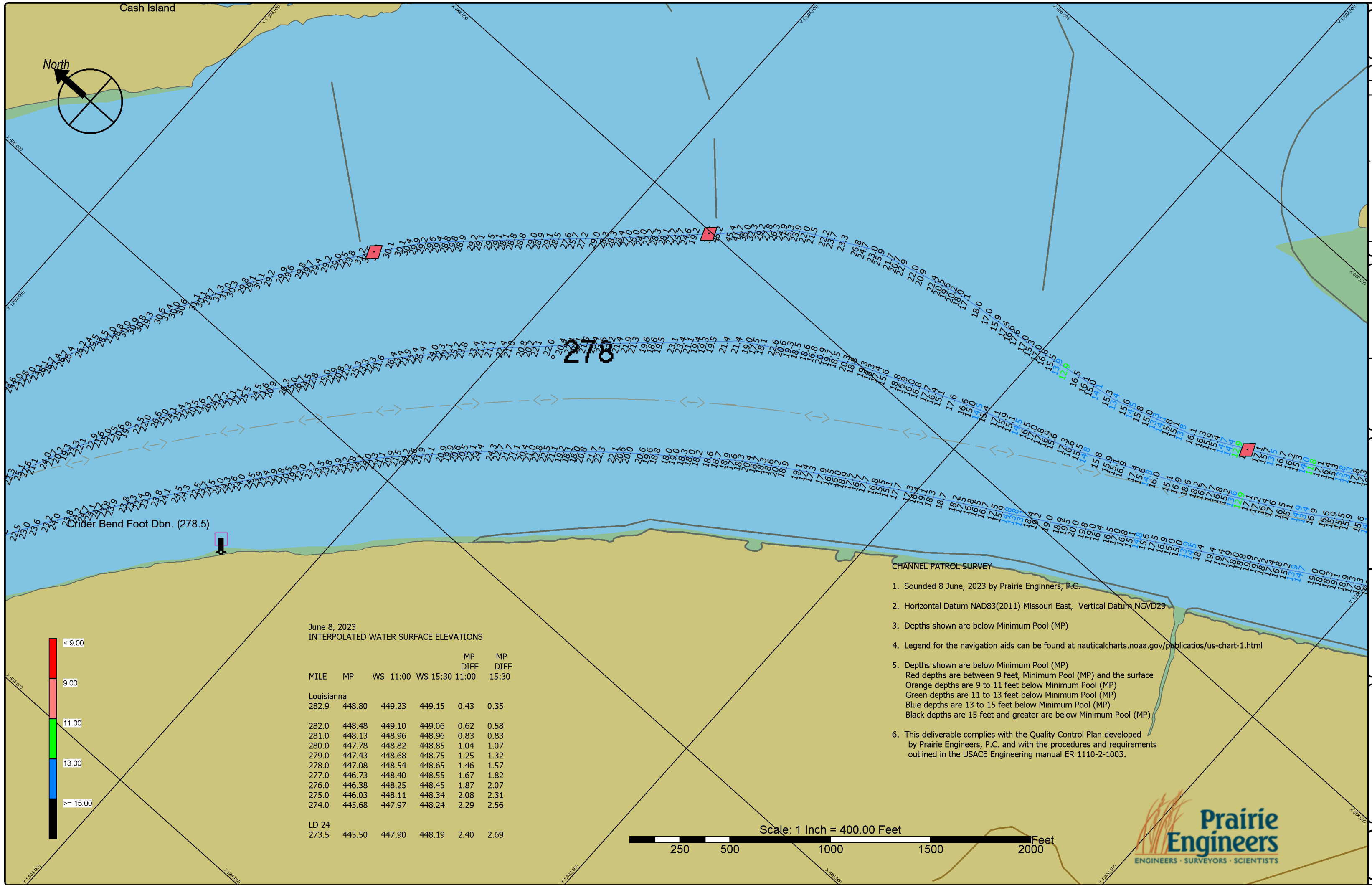
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CHIEF OF SURVEY

Date: 15 June, 2023

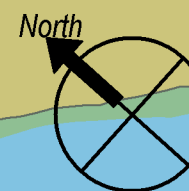
U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

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

MIDDLE MISSISSIPPI RIVER
CHANNEL PATROL SURVEY
RIVER MILES 300.0 - 273.5



Cash Island



Gage Records 8 June, 2023

LD 22	11:00 = 8.39	15:30 = 7.95
Mundy	11:00 = 10.2	15:30 = 10.0
Louisiana	11:00 = 11.90	15:30 = 11.82
LD 24	11:00 = 26.09	15:30 = 26.36

DATES OF SURVEY:
8 June, 2023

FILE NO.:
REQUEST NO.:

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Abdennour Nkhem
RELAYING ENGINEER

Approved: Jarrett Lancer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Lancer
ASST. CHIEF OF SURVEY

Approved: Darren Foray
CHIEF OF SURVEY

Date: 15 June, 2023

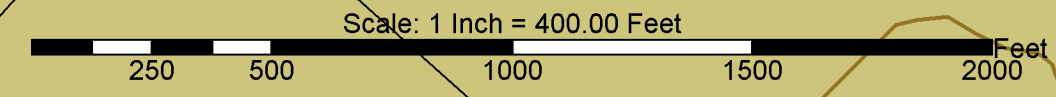
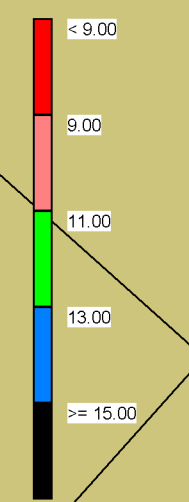
U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
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404 N. MAIN STREET
COLUMBIA, IL. 62236

MIDDLE MISSISSIPPI RIVER
CHANNEL PATROL SURVEY
RIVER MILES 300.0 - 273.5

June 8, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 11:00	WS 15:30	MP DIFF 11:00	MP DIFF 15:30
Louisiana					
282.9	448.80	449.23	449.15	0.43	0.35
282.0	448.48	449.10	449.06	0.62	0.58
281.0	448.13	448.96	448.96	0.83	0.83
280.0	447.78	448.82	448.85	1.04	1.07
279.0	447.43	448.68	448.75	1.25	1.32
278.0	447.08	448.54	448.65	1.46	1.57
277.0	446.73	448.40	448.55	1.67	1.82
276.0	446.38	448.25	448.45	1.87	2.07
275.0	446.03	448.11	448.34	2.08	2.31
274.0	445.68	447.97	448.24	2.29	2.56
LD 24					
273.5	445.50	447.90	448.19	2.40	2.69



- CHANNEL PATROL SURVEY
- Sounded 8 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) and the surface
 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.





Gage Records 8 June, 2023	
LD 22	11:00 = 8.39
Mundy	15:30 = 10.0
Louisiana	15:30 = 11.82
LD 24	11:00 = 11.90
	15:30 = 26.38

DATES OF SURVEY: 8 June, 2023

SCALE: ONE INCH = 400 FEET

FIELD BOOKS:

FILE NO.: _____

REQUEST NO.: _____

Approved: **Abdennour Nkomo**
RELAY CHIEF OF SURVEY

Approved: **Jarrett Langer**
CIVIL ENGINEERING TECHNICIAN

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

Approved: **Darren Foray**
CHIEF OF SURVEY

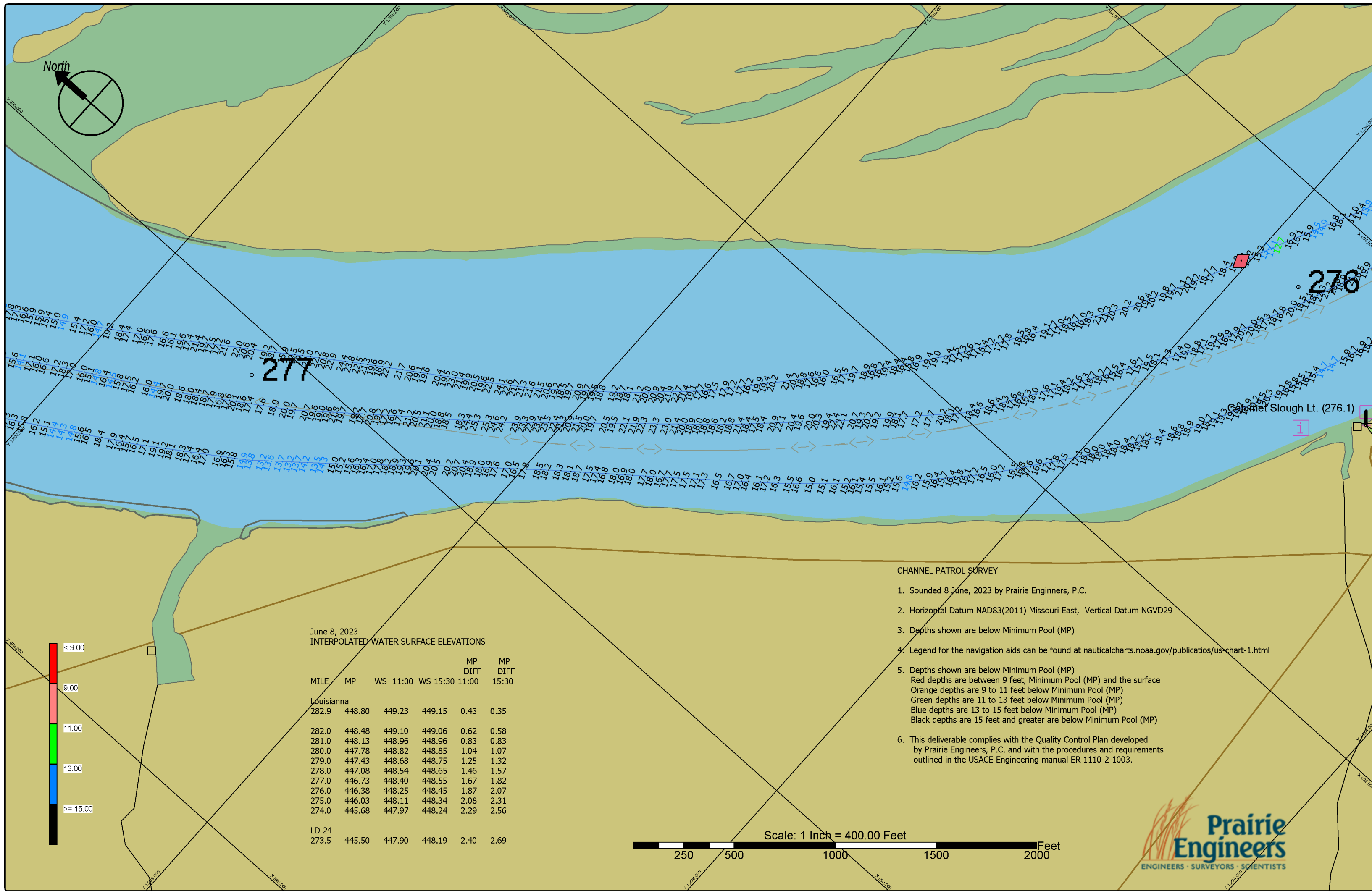
Date: 15 June, 2023

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
CHANNEL PATROL SURVEY
RIVER MILES 300.0 - 273.5

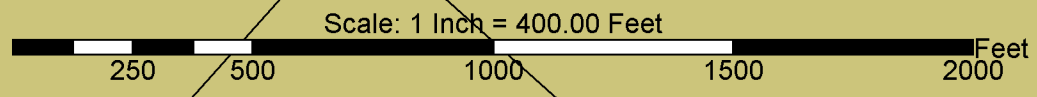
21



June 8, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

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Louisiana					
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279.0	447.43	448.68	448.75	1.25	1.32
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DATES OF SURVEY:
8 June, 2023

FILE NO.:
REQUEST NO.:

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

Approved: **Abdennour Nkem**
RELAY CHIEF OF SURVEY

Approved: **Jarrett Langer**
CHIEF ENGINEERING TECHNICIAN

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

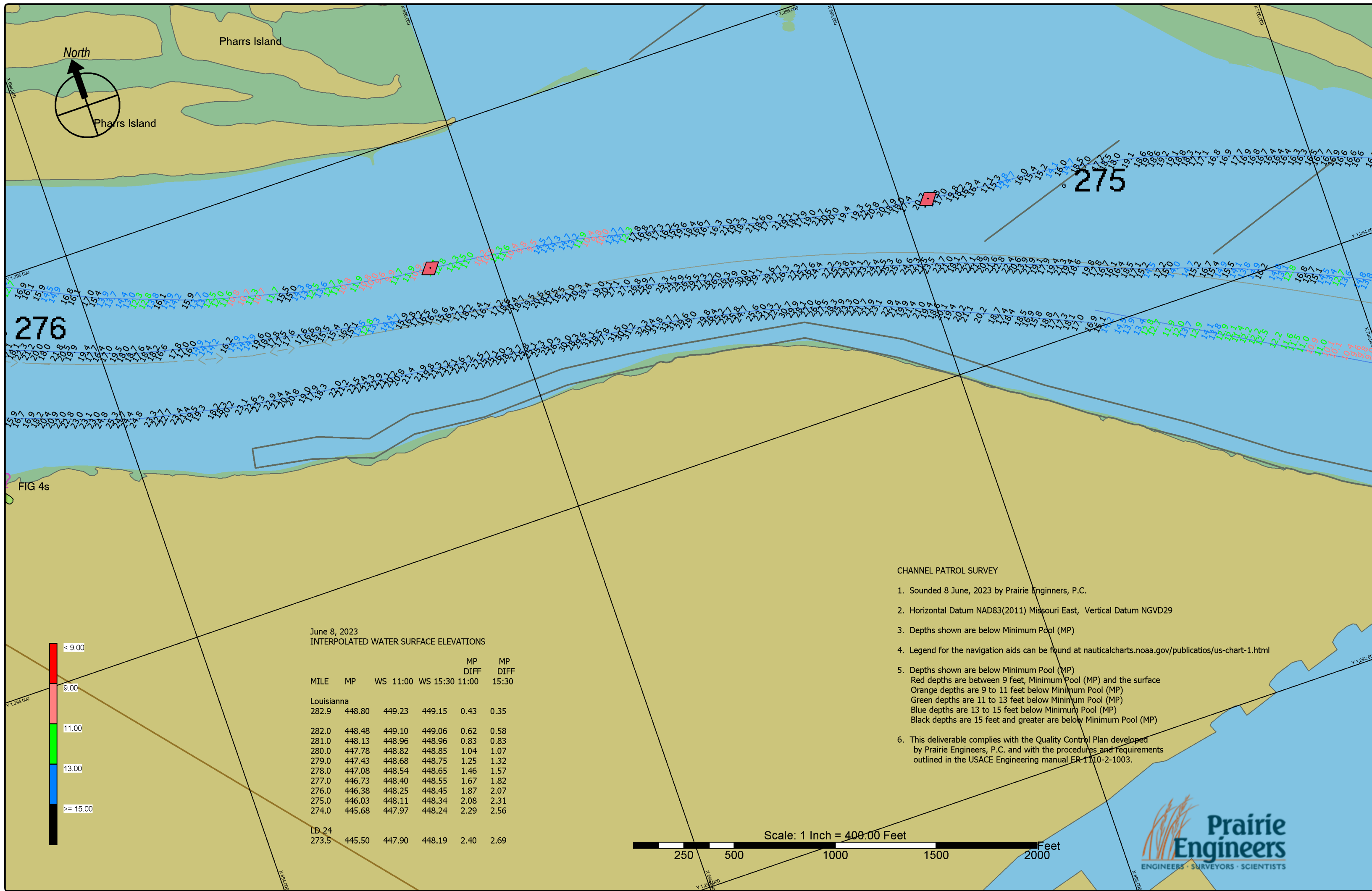
Approved: **Darren Foray**
CHIEF OF SURVEY

Date: 15 June, 2023

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

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MIDDLE MISSISSIPPI RIVER
CHANNEL PATROL SURVEY
RIVER MILES 300.0 - 273.5



June 8, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

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CHANNEL PATROL SURVEY

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Scale: 1 Inch = 400.00 Feet

250 500 1000 1500 2000 Feet





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DATES OF SURVEY:
8 June, 2023

FILE NO.:
REQUEST NO.:

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

Approved: **Abednego Nkem**
RELAYING ENGINEER

Approved: **Jarrett Lancer**
CIVIL ENGINEERING TECHNICIAN

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

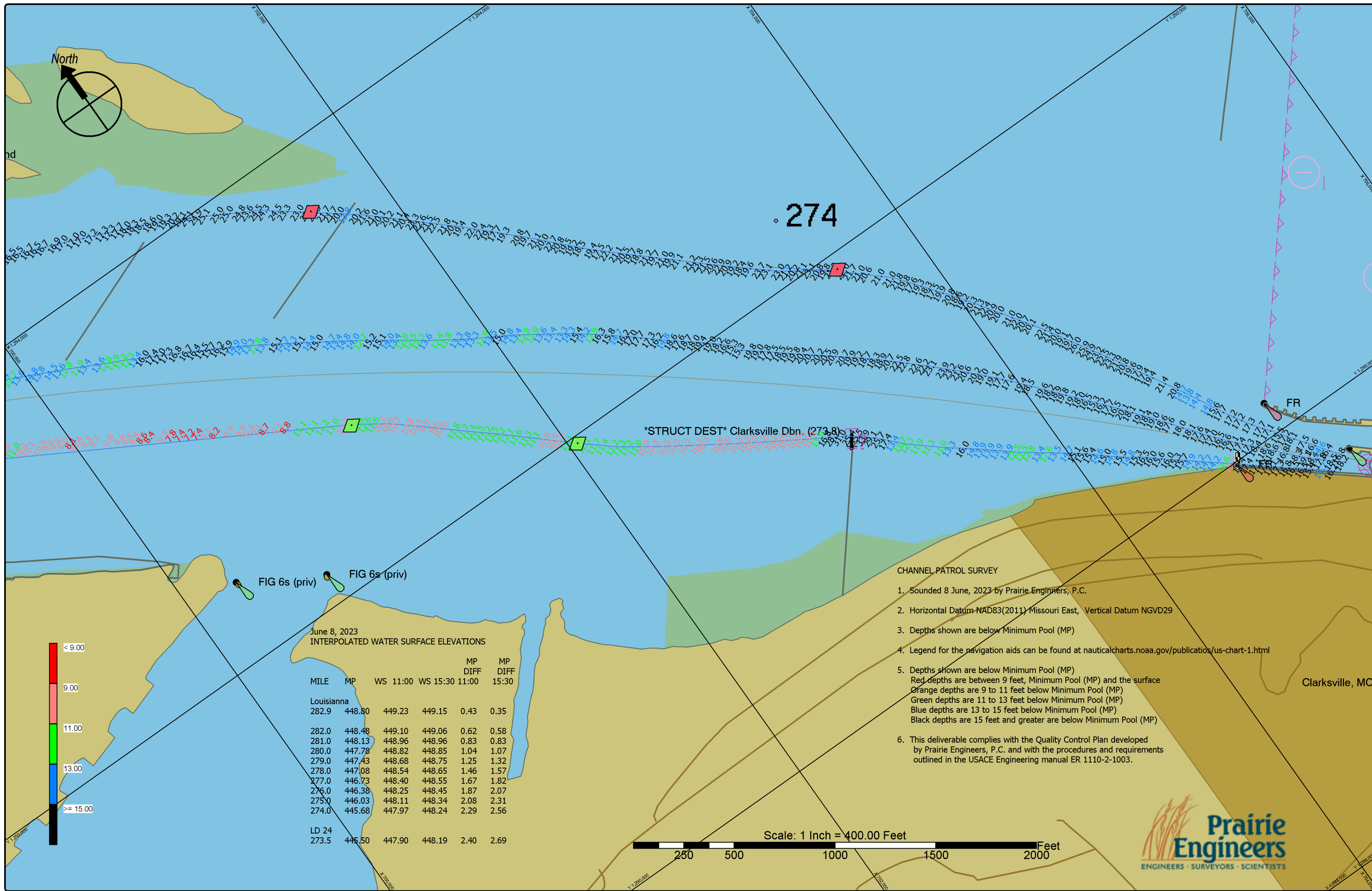
Approved: **Darren Foray**
CHIEF OF SURVEY

Date: 15 June, 2023

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

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MIDDLE MISSISSIPPI RIVER
CHANNEL PATROL SURVEY
RIVER MILES 300.0 - 273.5



274

"STRUCT DEST" Clarksville Dbn. (273.8)

FIG 6s (priv)

June 8, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

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