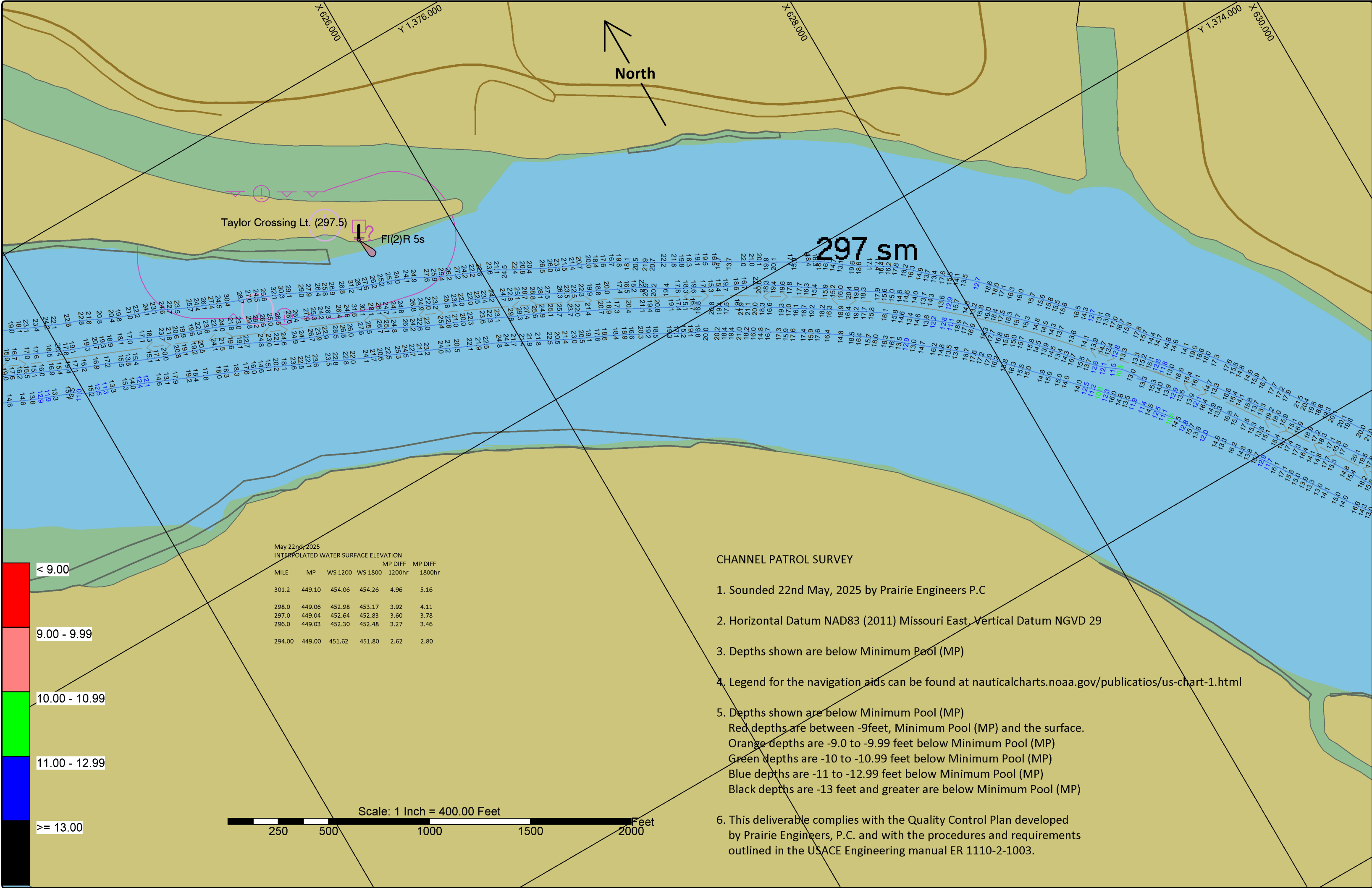




May 22nd, 2025
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 1200	WS 1800	MP DIFF 1200hr	MP DIFF 1800hr
301.2	449.10	454.06	454.26	4.96	5.16
298.0	449.06	452.98	453.17	3.92	4.11
297.0	449.04	452.64	452.83	3.60	3.78
296.0	449.03	452.30	452.48	3.27	3.46
294.00	449.00	451.62	451.80	2.62	2.80

CHANNEL PATROL SURVEY

1. Sounded 22nd May, 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 22nd May 2025
Mundy gage @ 1200hr = 9.77ft; @1800hr = 9.95ft
LD 22 (L) gage @ 1200hr = 7.95ft @ 1800hr = 8.16ft

DATES OF SURVEY:
May 22nd 2025

FILE NO.:
REQUEST NO.:

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Aledhogo Nkem
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Approved: Chris Groleau
CIVIL ENGINEERING TECHNICIAN

Approved: Roger Baty
ASST. CHIEF OF SURVEY

Approved: Tristan Harper
CHIEF OF SURVEY

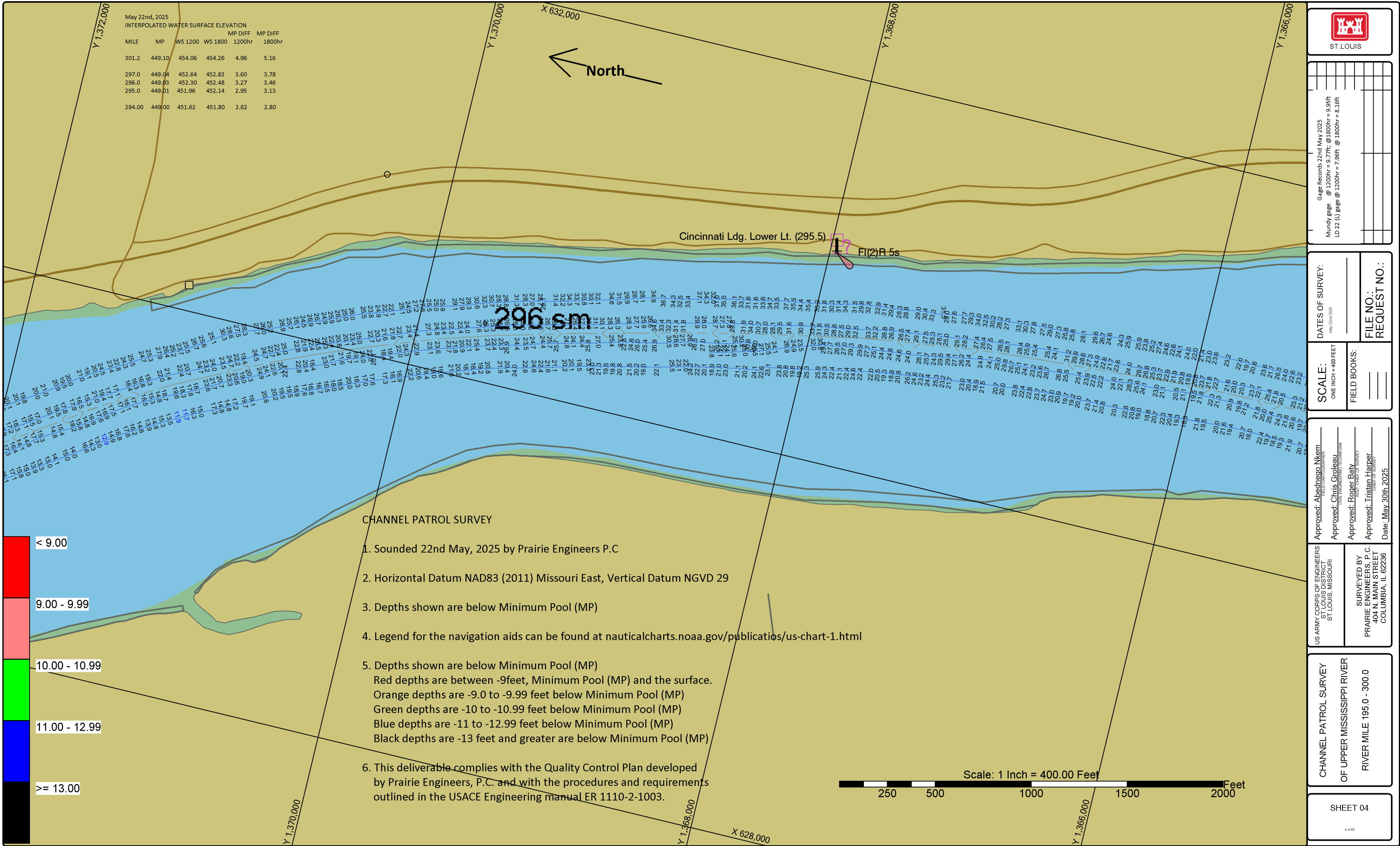
Date: May 30th 2025

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

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

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER
RIVER MILE 195.0 - 300.0

SHEET 03
3 of 88





ST. LOUIS

Gage Records 22nd May 2025
Mundy gage @ 1200hr = 9.77ft; @1800hr = 9.95ft
LD 22 (L) gage @ 1200hr = 7.96ft @ 1800hr = 8.16ft

DATES OF SURVEY:

May 22nd 2025

FILE NO.:

REQUEST NO.:

SCALE:

ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Abednego Nkomo
DEPUTY CHIEF OF SURVEY

Approved: Chris Groleau
CIVIL ENGINEERING TECHNICIAN

Approved: Roger Baty
ASST. CHIEF OF SURVEY

Approved: Tristan Harper
CHIEF OF SURVEY

Date: May 30th 2025

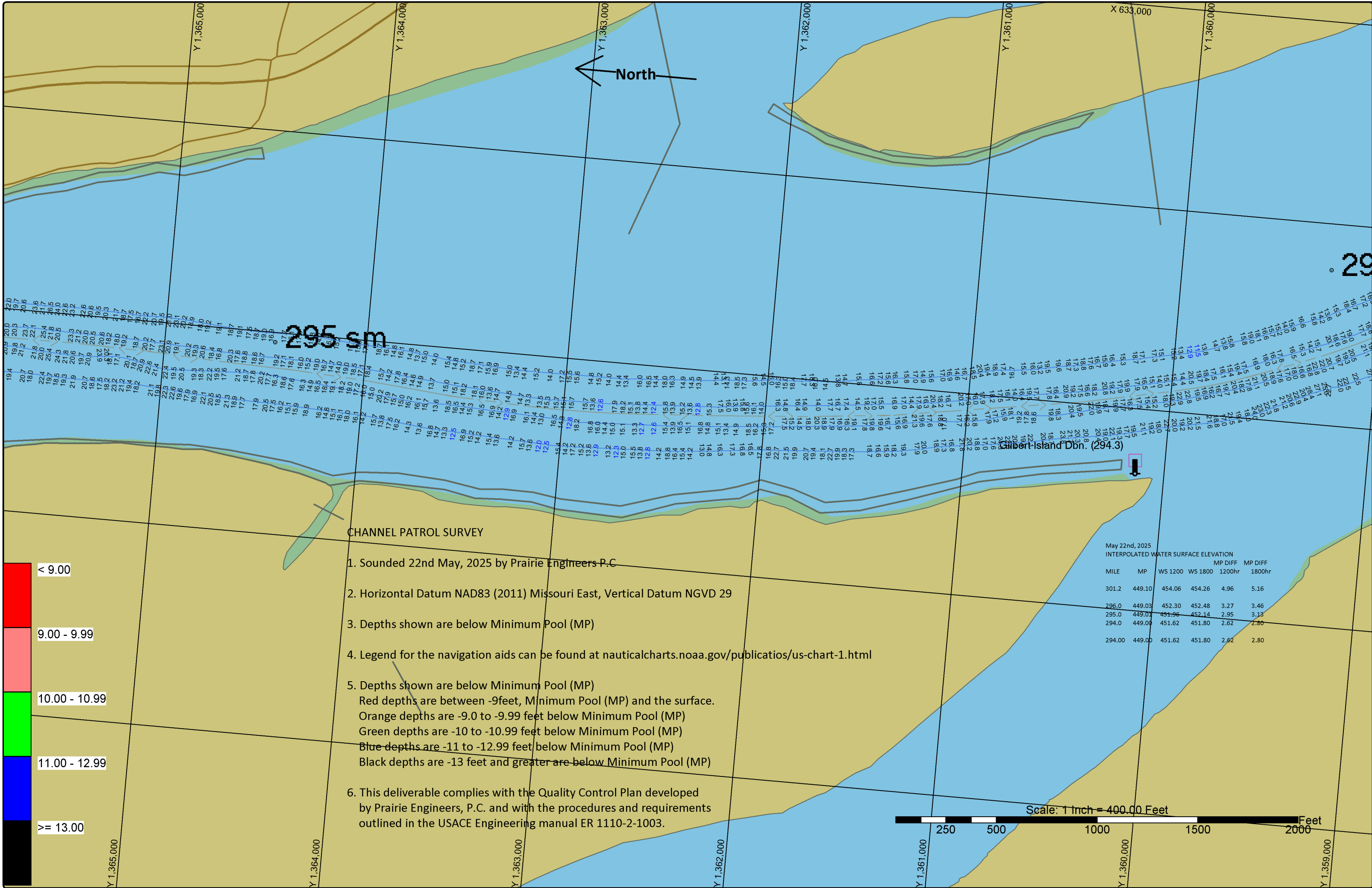
US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

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

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER
RIVER MILE 195.0 - 300.0

SHEET 04

4 of 88



CHANEL PATROL SURVEY

1. Sounded 22nd May, 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 22nd May 2025
Mundy gage @ 1200hr = 9.77ft; @1800hr = 9.95ft
LD 22 (L) gage @ 1200hr = 7.95ft; @ 1800hr = 8.16ft

DATES OF SURVEY:

ONE INCH = 400 FEET

SCALE:

FILE NO.:

REQUEST NO.:

Approved: Aledhogo Nkomo
DEPUTY CHIEF OF SURVEY

Approved: Chris Groleau
CIVIL ENGINEERING TECHNICIAN

Approved: Roger Baty
ASST. CHIEF OF SURVEY

Approved: Tristan Harper
CHIEF OF SURVEY

Date: May 30th 2025

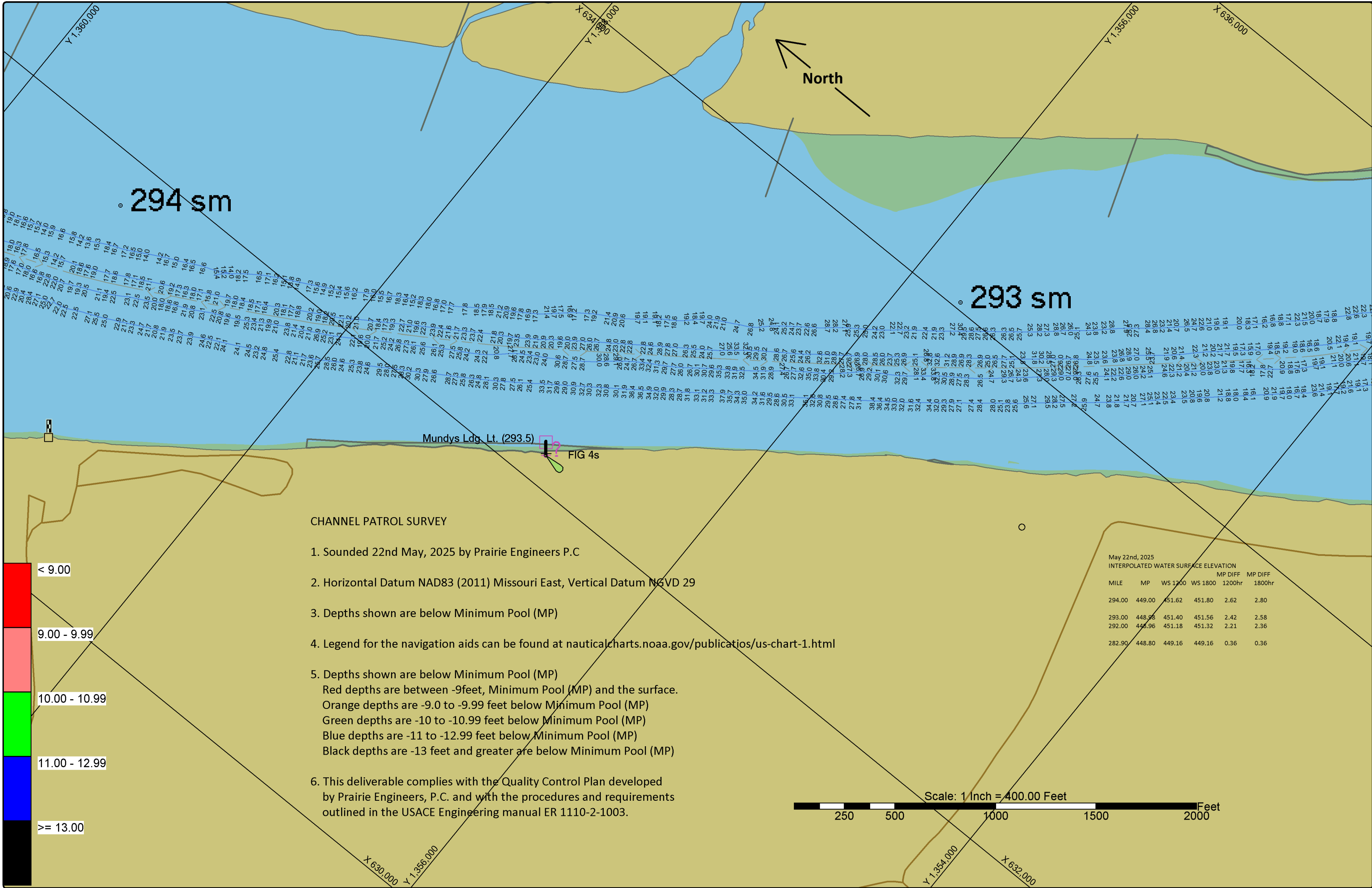
US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

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

CHANEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER
RIVER MILE 195.0 - 300.0

SHEET 05

5 of 88



CHANNEL PATROL SURVEY

- Sounded 22nd May, 2025 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- Depths shown are below Minimum Pool (MP)
- Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publicatios/us-chart-1.html
- 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)
- 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.

May 22nd, 2025 INTERPOLATED WATER SURFACE ELEVATION					
MILE	MP	WS 1200	WS 1800	MP DIFF	MP DIFF
				1200hr	1800hr
294.00	449.00	451.62	451.80	2.62	2.80
293.00	448.98	451.40	451.56	2.42	2.58
292.00	448.96	451.18	451.32	2.21	2.36
282.90	448.80	449.16	449.16	0.36	0.36



ST. LOUIS

DATES OF SURVEY:
May 22nd 2025

FILE NO.:
REQUEST NO.:

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Aledhoro Nkomo
DEPUTY CHIEF OF SURVEY

Approved: Chris Groleau
CIVIL ENGINEERING TECHNICIAN

Approved: Roger Baty
ASST. CHIEF OF SURVEY

Approved: Tristram Harper
CHIEF OF SURVEY

Date: May 30th 2025

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

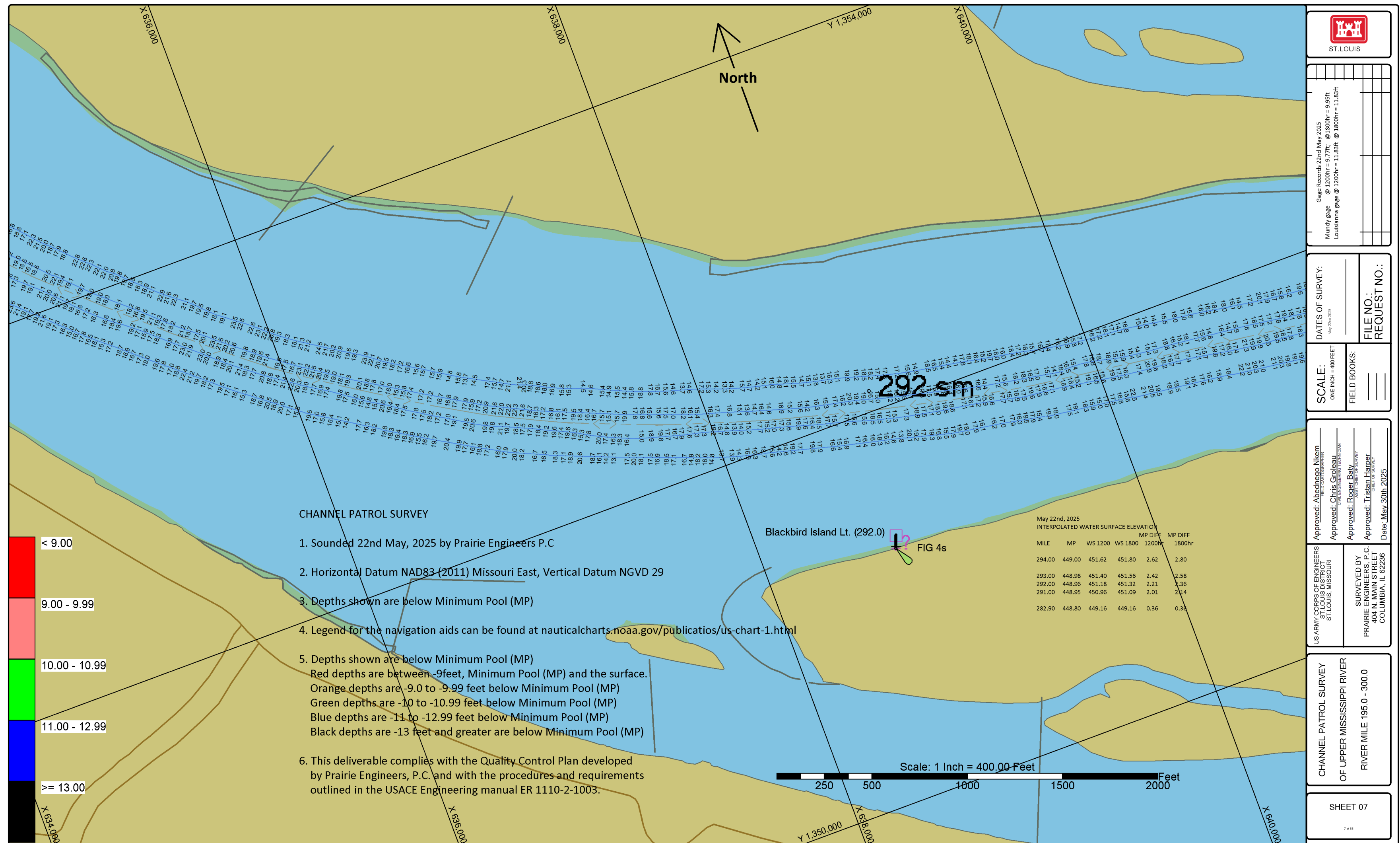
SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

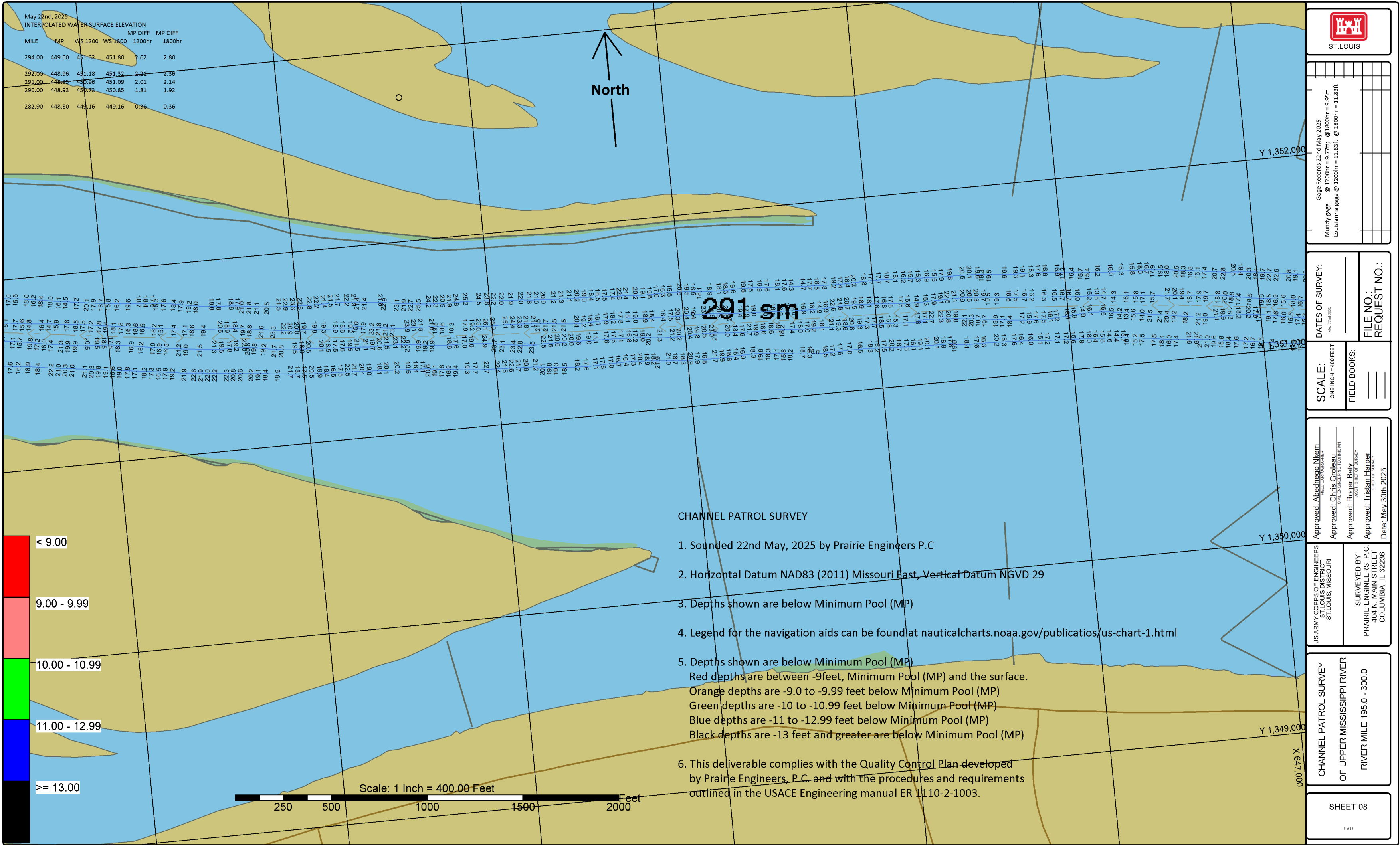
CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER
RIVER MILE 195.0 - 300.0

SHEET 06

8 of 88

Gage Records 22nd May 2025
Mundy gage @ 1200hr = 9.77ft; @1800hr = 9.95ft
Louisiana gage @ 1200hr = 11.83ft @ 1800hr = 11.83ft





Gage Records 22nd May 2025
Mundy gage @ 1200hr = 9.77ft; @ 1800hr = 9.95ft
Louisiana gage @ 1200hr = 11.83ft @ 1800hr = 11.83ft

DATES OF SURVEY:
May 22nd 2025

FILE NO.:
REQUEST NO.:

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Aledhogo Nkomo
DEPUTY CHIEF OF SURVEY

Approved: Chris Groleau
CIVIL ENGINEERING TECHNICIAN

Approved: Roger Baty
ASST. CHIEF OF SURVEY

Approved: Tristan Harper
CHIEF OF SURVEY

Date: May 30th 2025

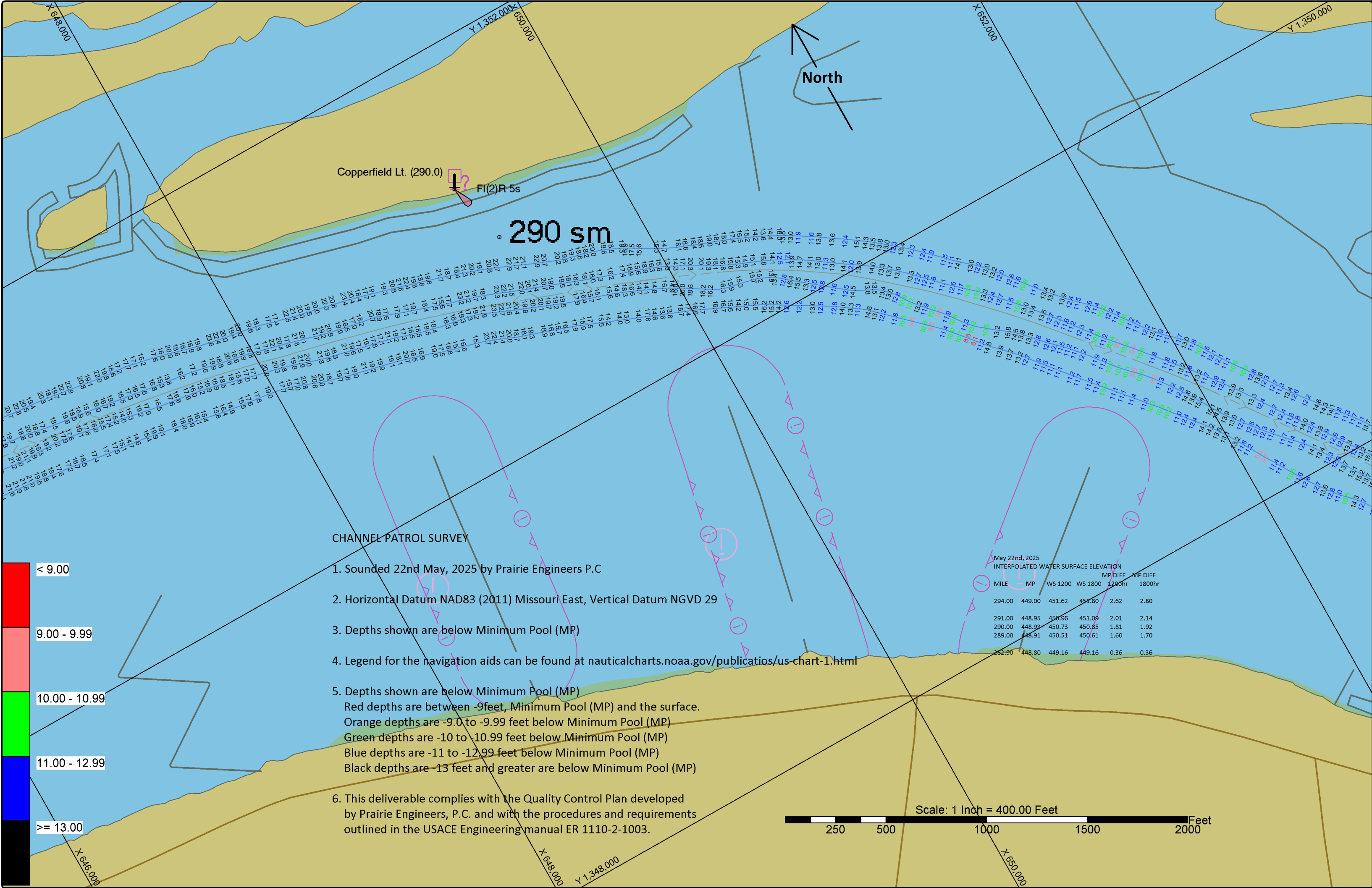
US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

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

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 08



ST. LOUIS

Gage Records 22nd May 2025
Mundy gage @ 1200hr = 9.77ft; @ 1800hr = 9.95ft
Louisiana gage @ 1200hr = 11.83ft; @ 1800hr = 11.83ft

DATES OF SURVEY:
May 22nd 2025

FILE NO.:
REQUEST NO.:

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Abednego Nkomo
DEPUTY COMMANDER

Approved: Chris Groleau
CIVIL ENGINEERING TECHNICIAN

Approved: Roger Baty
ASST. CHIEF OF SURVEY

Approved: Tristan Harper
CHIEF OF SURVEY

Date: May 30th 2025

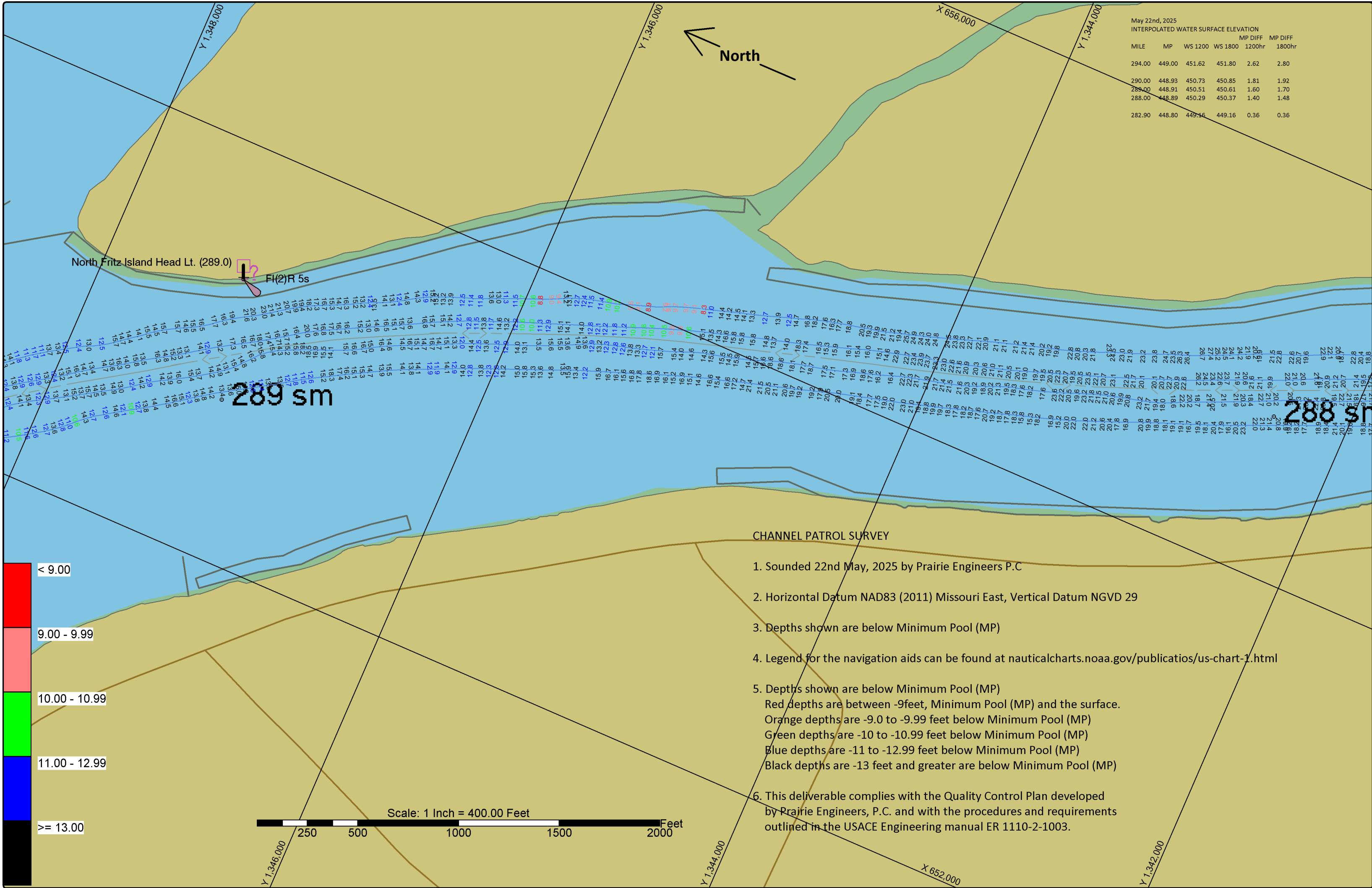
US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

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

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER
RIVER MILE 195.0 - 300.0

SHEET 09

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ST. LOUIS

Gage Records 22nd May 2025
Mundy gage @ 1200hr = 9.77ft; @ 1800hr = 9.95ft
Louisiana gage @ 1200hr = 11.83ft; @ 1800hr = 11.83ft

DATES OF SURVEY: May 22nd 2025

FILE NO.:
REQUEST NO.:

SCALE: ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Aledhogo Nkem
DEPUTY CHIEF OF SURVEY

Approved: Chris Groleau
CIVIL ENGINEERING TECHNICIAN

Approved: Roger Baty
ASST. CHIEF OF SURVEY

Approved: Tristan Harper
CHIEF OF SURVEY

Date: May 30th 2025

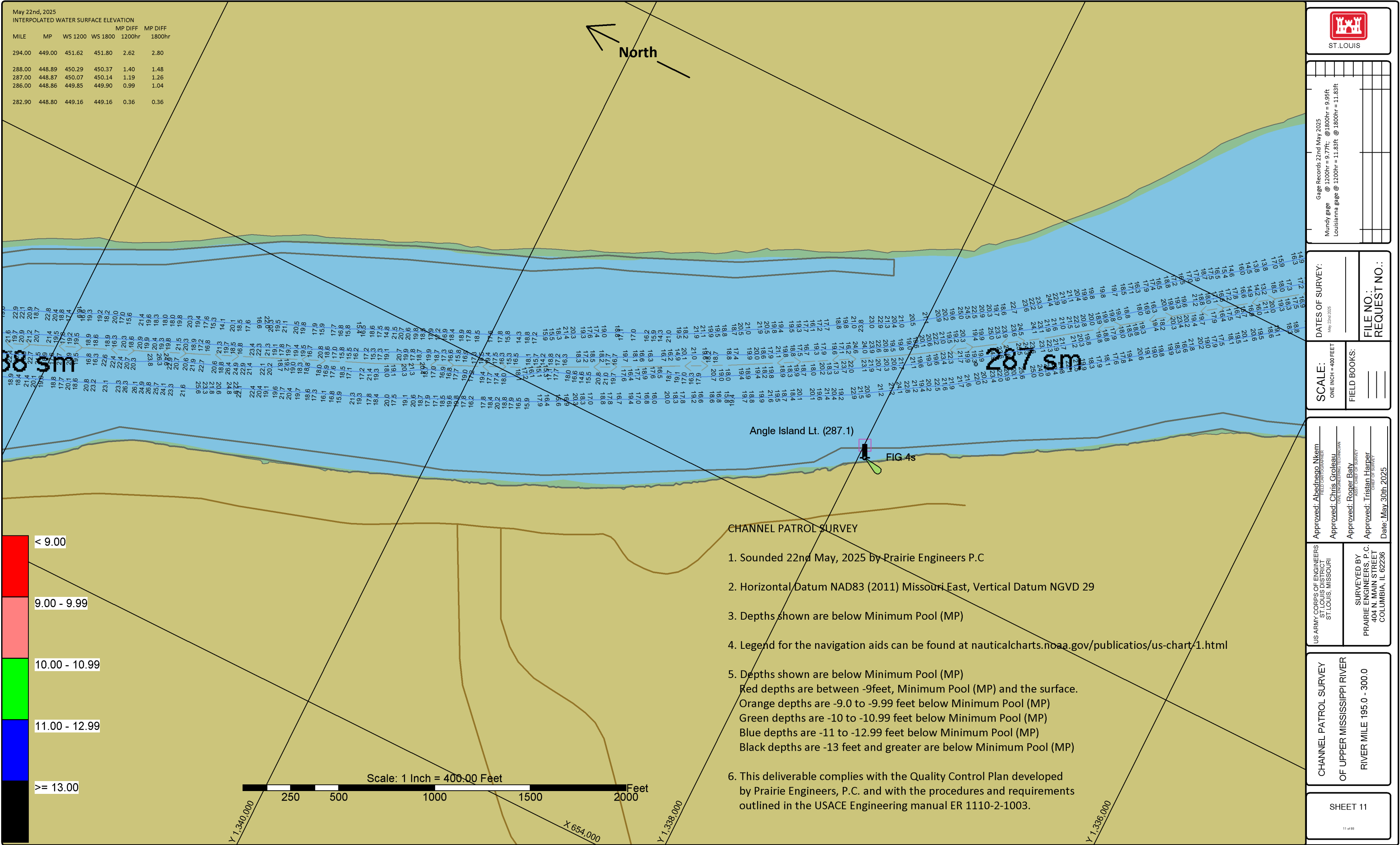
US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

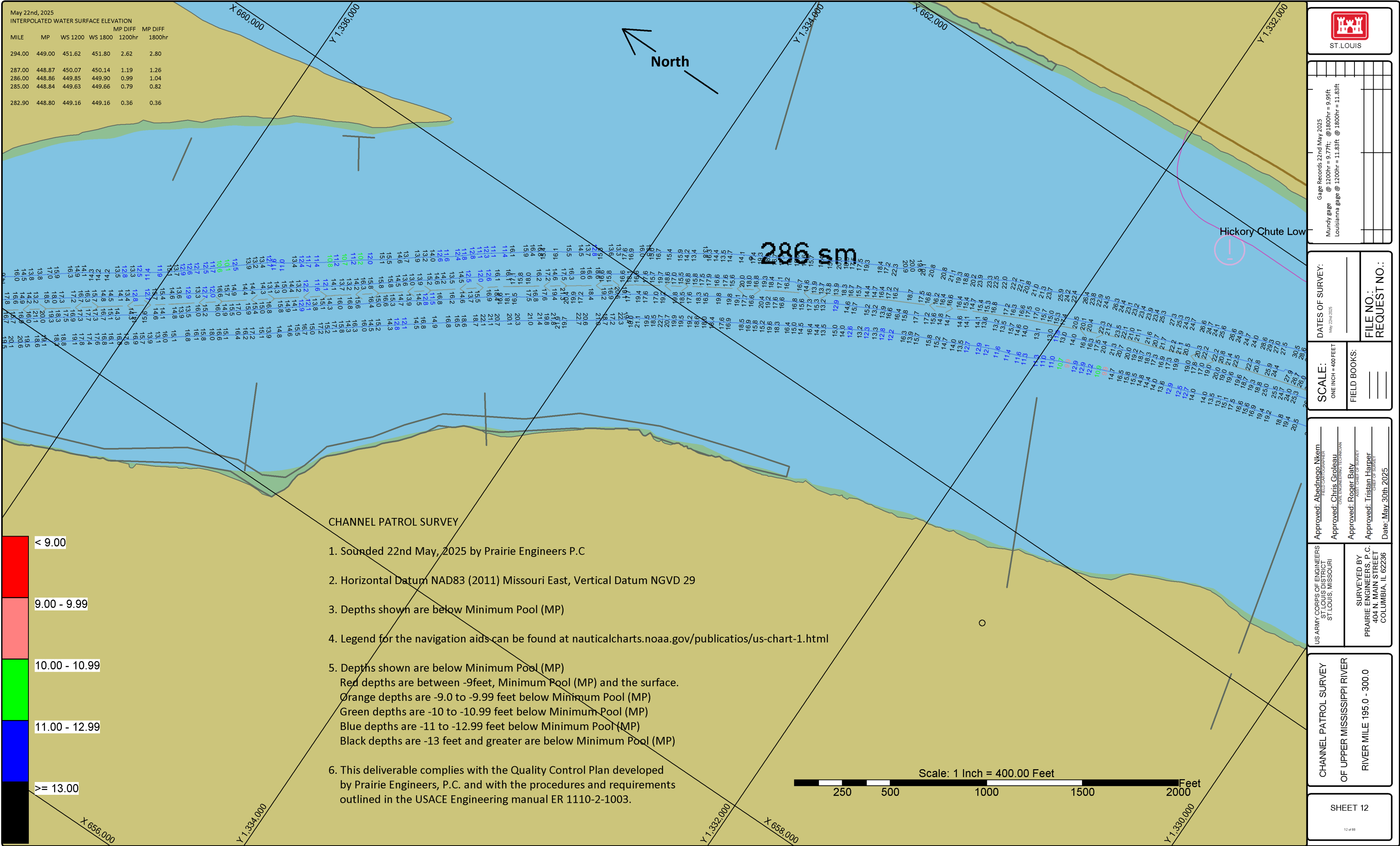
SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

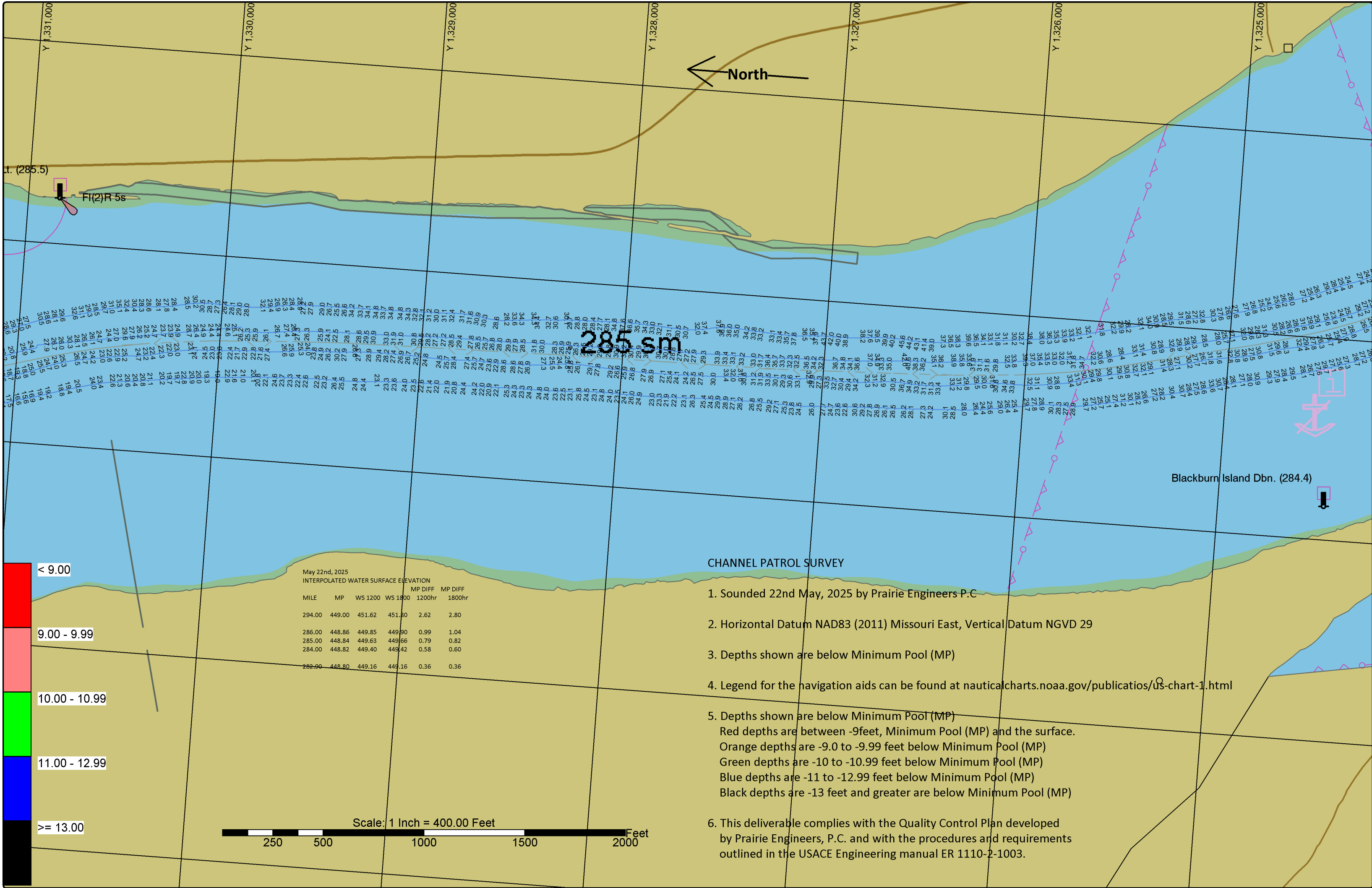
CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER
RIVER MILE 195.0 - 300.0

SHEET 10

10 of 89







ST. LOUIS

Gage Records 22nd May 2025
Mundy gage @ 1200hr = 9.77ft; @ 1800hr = 9.95ft
Louisiana gage @ 1200hr = 11.83ft @ 1800hr = 11.83ft

DATES OF SURVEY: May 22nd 2025

FILE NO.:
REQUEST NO.:

SCALE: ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Aledhoro Nkem
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Approved: Chris Groleau
CIVIL ENGINEERING TECHNICIAN

Approved: Roger Baty
ASST. CHIEF OF SURVEY

Approved: Tristan Harper
CHIEF OF SURVEY

Date: May 30th 2025

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

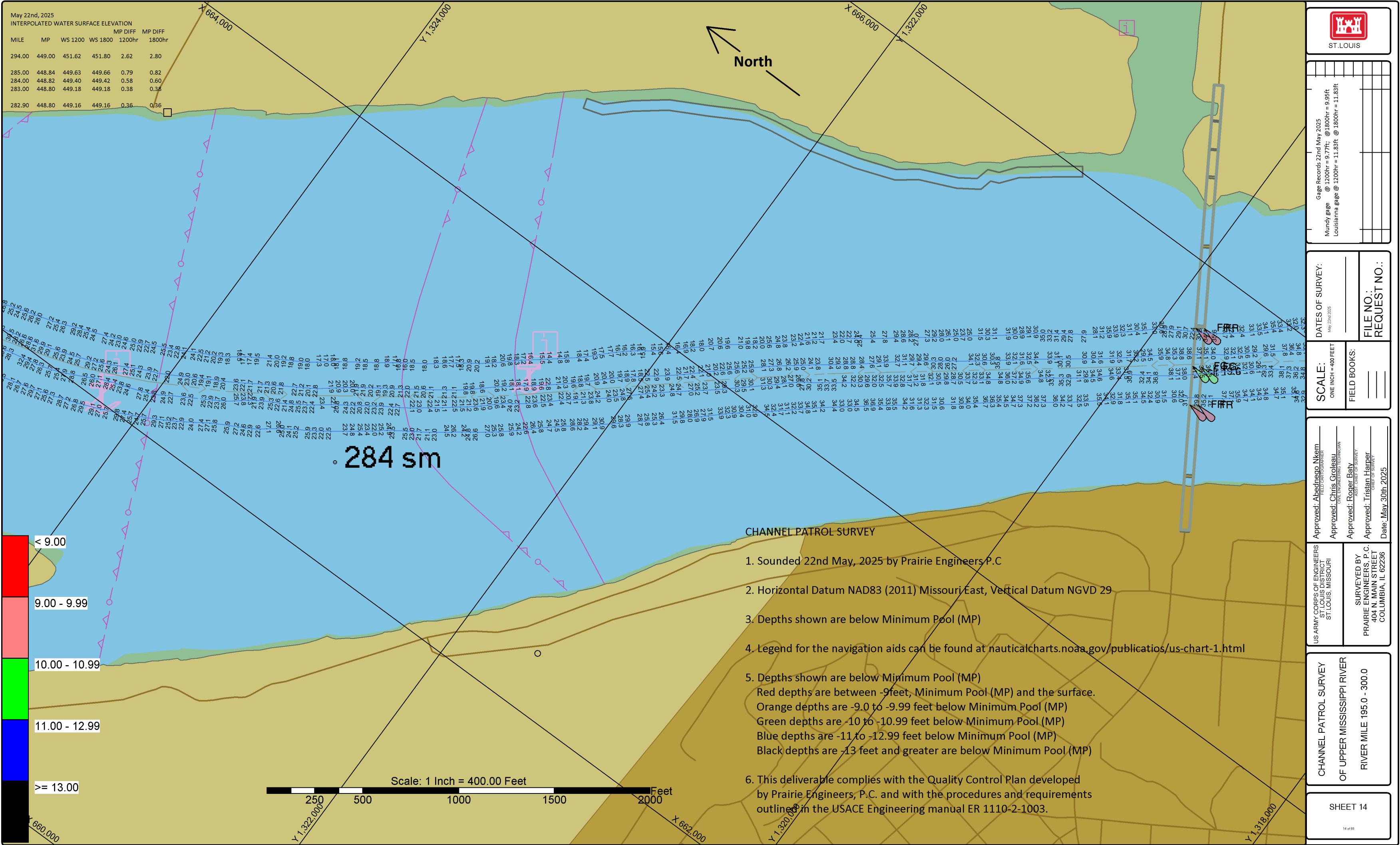
SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER
RIVER MILE 195.0 - 300.0

SHEET 13

CHANNEL PATROL SURVEY

- Sounded 22nd May, 2025 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- 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 -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)
- 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 22nd May 2025
Mundy gage @ 1200hr = 9.77ft; @1800hr = 9.95ft
Louisiana gage @ 1200hr = 11.83ft @ 1800hr = 11.83ft

DATES OF SURVEY:

FILE NO.:
REQUEST NO.:

SCALE:

FIELD BOOKS:

Approved: Aledhogo Nkomo
Approved: Chris Groleau
Approved: Roger Baty
Approved: Tristan Harper
Date: May 30th 2025

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

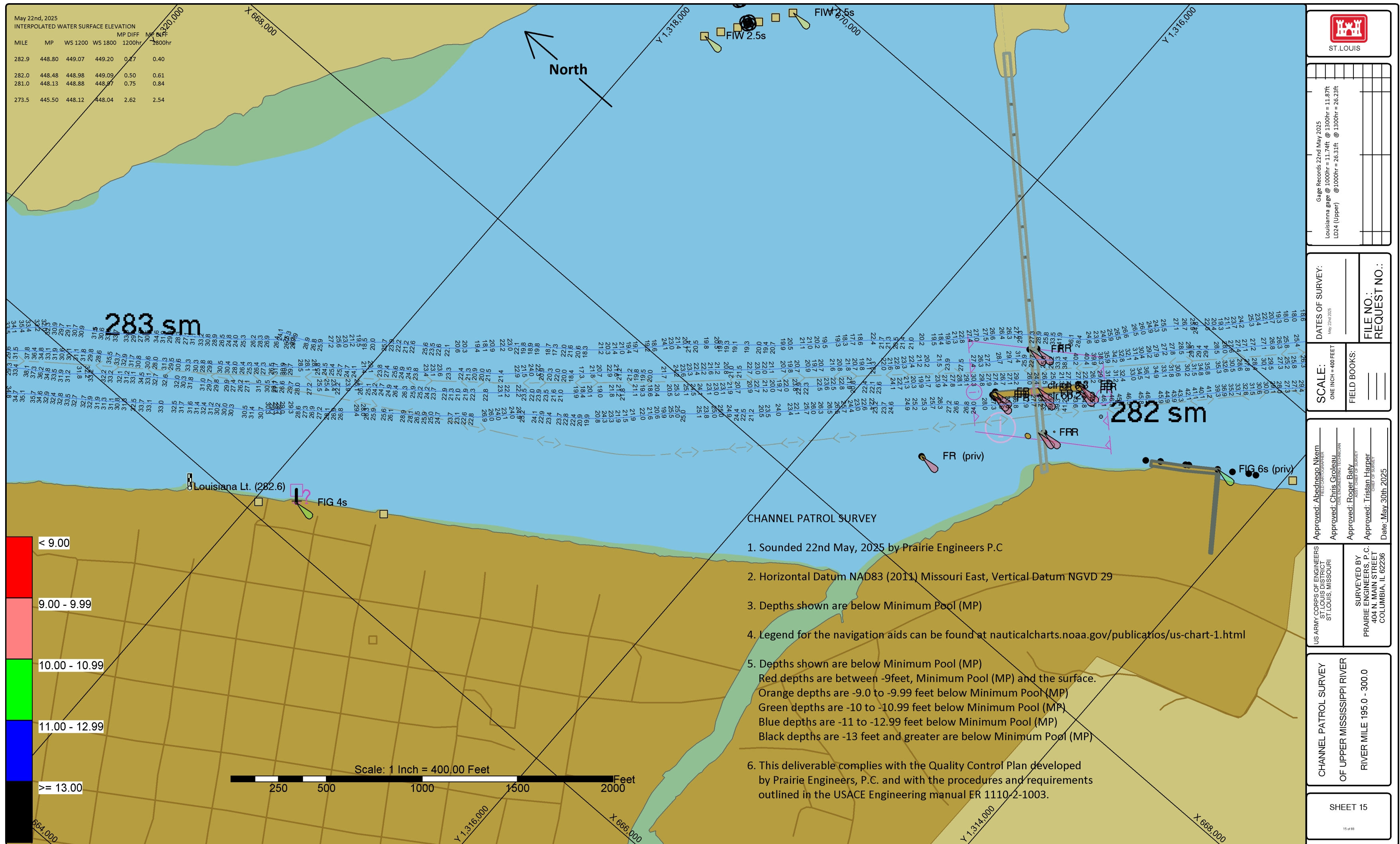
SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

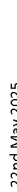
CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 14

May 22nd, 2025						
INTERPOLATED WATER SURFACE ELEVATION						
MILE	MP	WS 1200	WS 1800	MP DIFF	MP DIFF	
				1200hr	1800hr	
282.9	448.80	449.07	449.20	0.27	0.40	
282.0	448.48	448.98	449.09	0.50	0.61	
281.0	448.13	448.88	448.97	0.75	0.84	
273.5	445.50	448.12	448.04	2.62	2.54	



 ST. LOUIS		Gage Records 22nd May 2025 Louisiana gage @ 1000hr = 11.74ft @ 1300hr = 11.87ft LD24 (Upper) @ 1000hr = 26.31ft @ 1300hr = 26.23ft <!-- Empty grid for data entry -->	
SCALE: ONE INCH = 400 FEET FIELD BOOKS:		DATES OF SURVEY: May 29nd 2025 FILE NO.: REQUEST NO.:	
Approved: Abednego Nkem FIELD CARTOGRAPHER Approved: Chris Groleau CHIEF SURVEYOR TECHNICIAN Approved: Roger Baly ASST CHIEF OF SURVEY Approved: Tristan Harper CHIEF OF SURVEY Date: May 30th 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	
CHANNEL PATROL SURVEY OF UPPER MISSISSIPPI RIVER RIVER MILE 195.0 - 300.0			
SHEET 15			