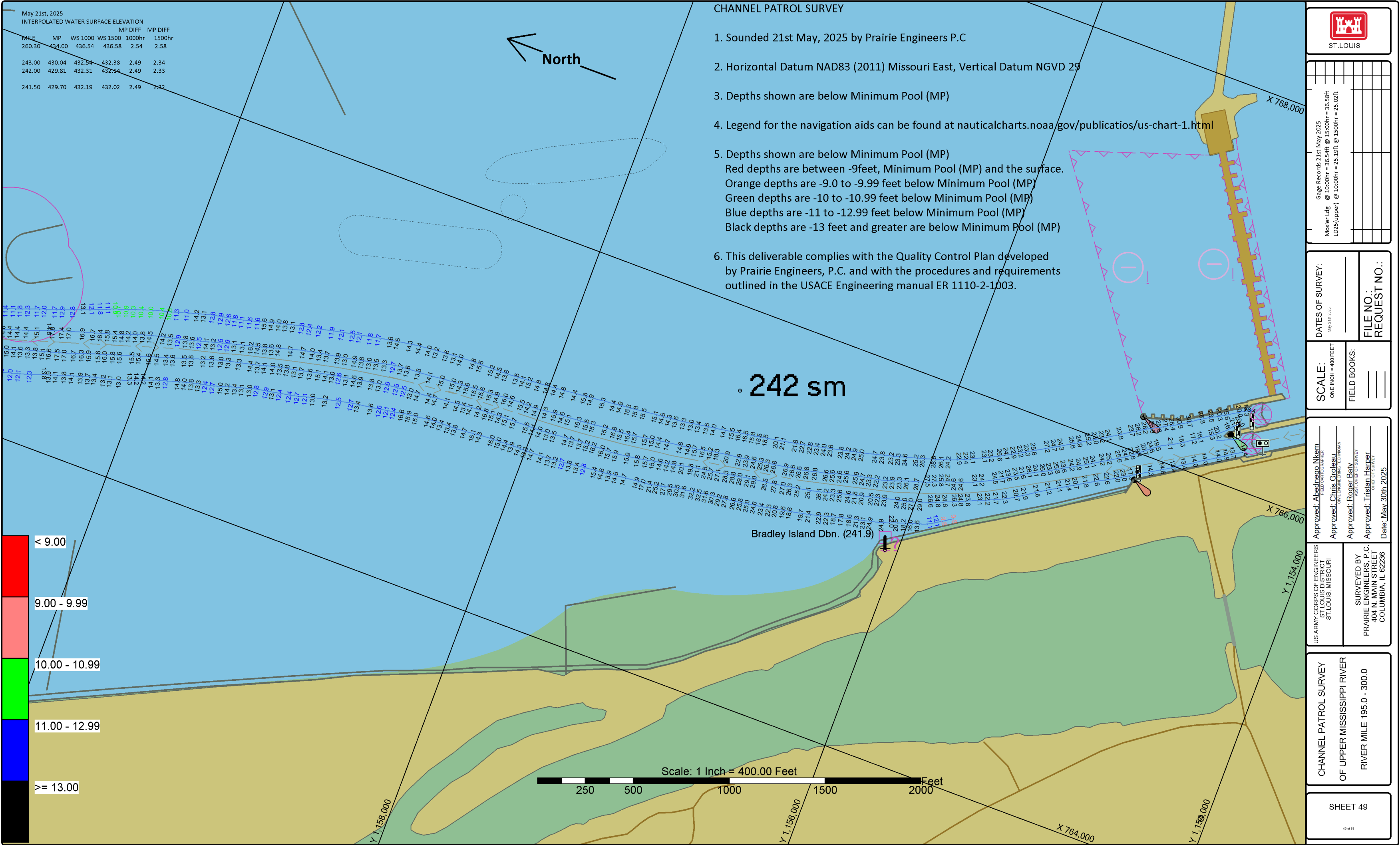
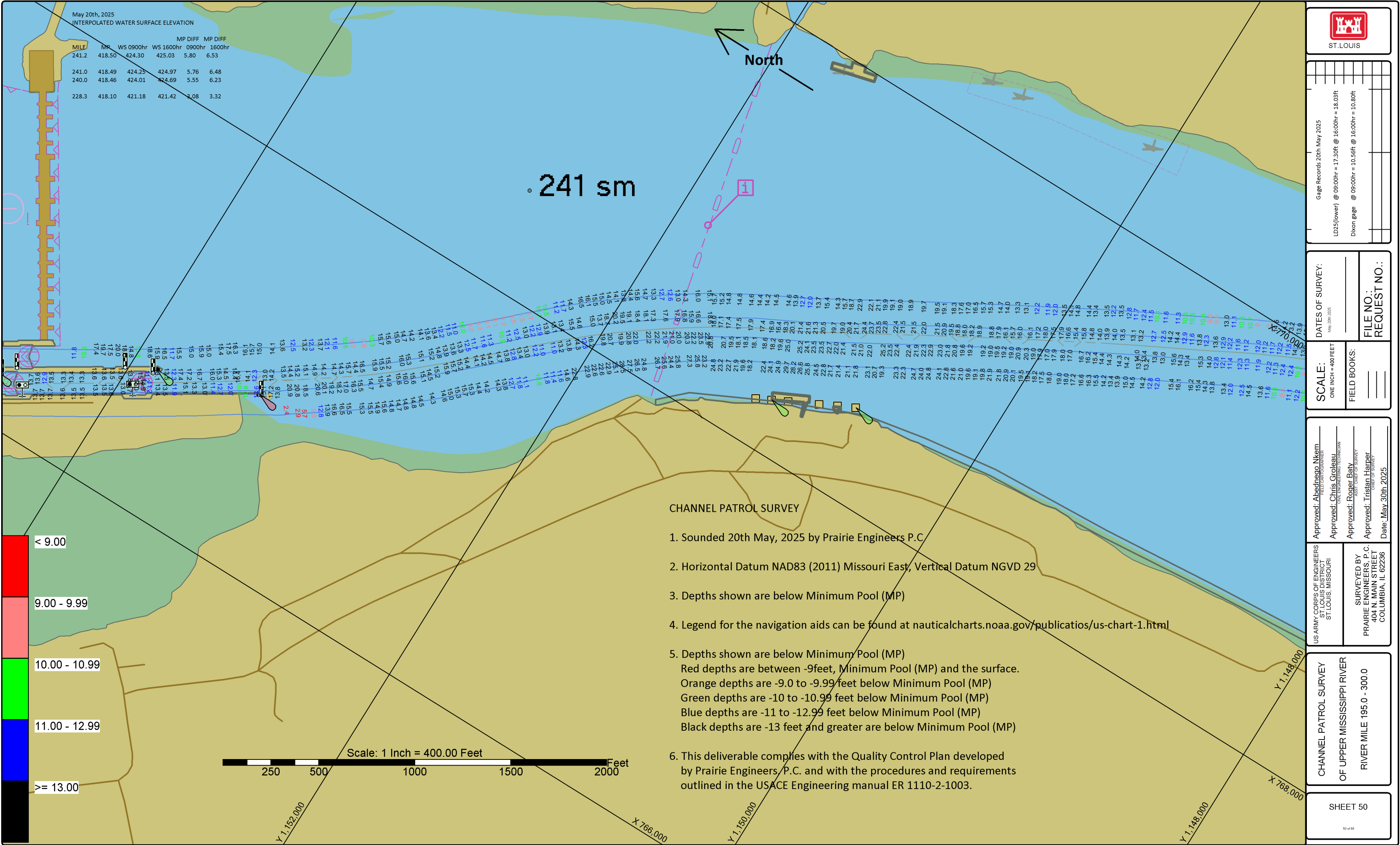






ST. LOUIS

Gage Records 20th May 2025

LD25(lower) @ 09:00hr = 17.30ft @ 16:00hr = 18.03ft

Dixon gage @ 09:00hr = 10.56ft @ 16:00hr = 10.80ft

DATES OF SURVEY:

May 20th 2025

FILE NO.:

REQUEST NO.:

SCALE:

ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Abednego 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 50

50 of 80

May 20th, 2025
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 0900hr	WS 1600hr	MP DIFF 0900hr	MP DIFF 1600hr
241.2	418.50	424.30	425.03	5.80	6.53
241.0	418.49	424.25	424.97	5.76	6.48
240.0	418.46	424.01	424.69	5.55	6.23
239.0	418.43	423.77	424.41	5.34	5.98
228.3	418.10	421.18	421.42	3.08	3.32

Dogtown Quarry Lt. (240.2)

240.3m

North

CHANNEL PATROL SURVEY

1. Sounded 20th 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/publications/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 1110-2-100B.

Scale: 1 Inch = 400.00 Feet

250 500 1000 1500 2000 Feet



ST. LOUIS

Gage Records 20th May 2025

LD25(lower) @ 09:00hr = 17.30ft @ 16:00hr = 18.03ft

Dixon gage @ 09:00hr = 10.56ft @ 16:00hr = 10.80ft

DATES OF SURVEY:

May 20th 2025

SCALE:

ONE INCH = 400 FEET

FIELD BOOKS:

FILE NO.:

REQUEST NO.:

Approved: Abednego 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 51

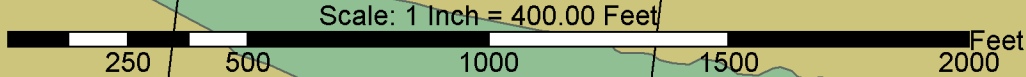
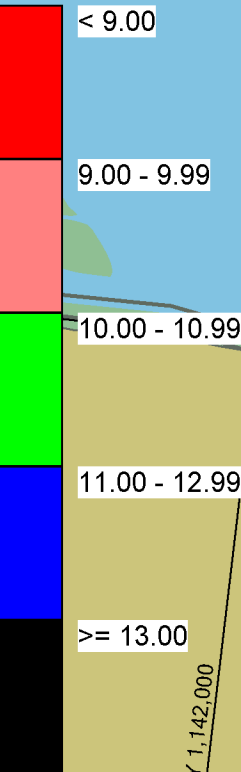
51 of 60

May 20th, 2025
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 0900hr	WS 1600hr	MP DIFF 0900hr	MP DIFF 1600hr
241.2	418.50	424.30	425.03	5.80	6.53
239.0	418.43	423.77	424.41	5.34	5.98
238.0	418.40	423.53	424.13	5.13	5.73
228.3	418.10	421.18	421.42	3.08	3.32

239 sm

238 sm



CHANNEL PATROL SURVEY

- Sounded 20th 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 20th May 2025

LD25(lower) @ 09:00hr = 17.30ft @ 16:00hr = 18.03ft

Dixon gage @ 09:00hr = 10.56ft @ 16:00hr = 10.80ft

DATES OF SURVEY:

May 20th 2025

FILE NO.:

REQUEST NO.:

SCALE:

ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Aledhoro Nkem

Approved: Chris Groleau

Approved: Roger Baty

Approved: Tristan Harper

Date: May 30th 2025

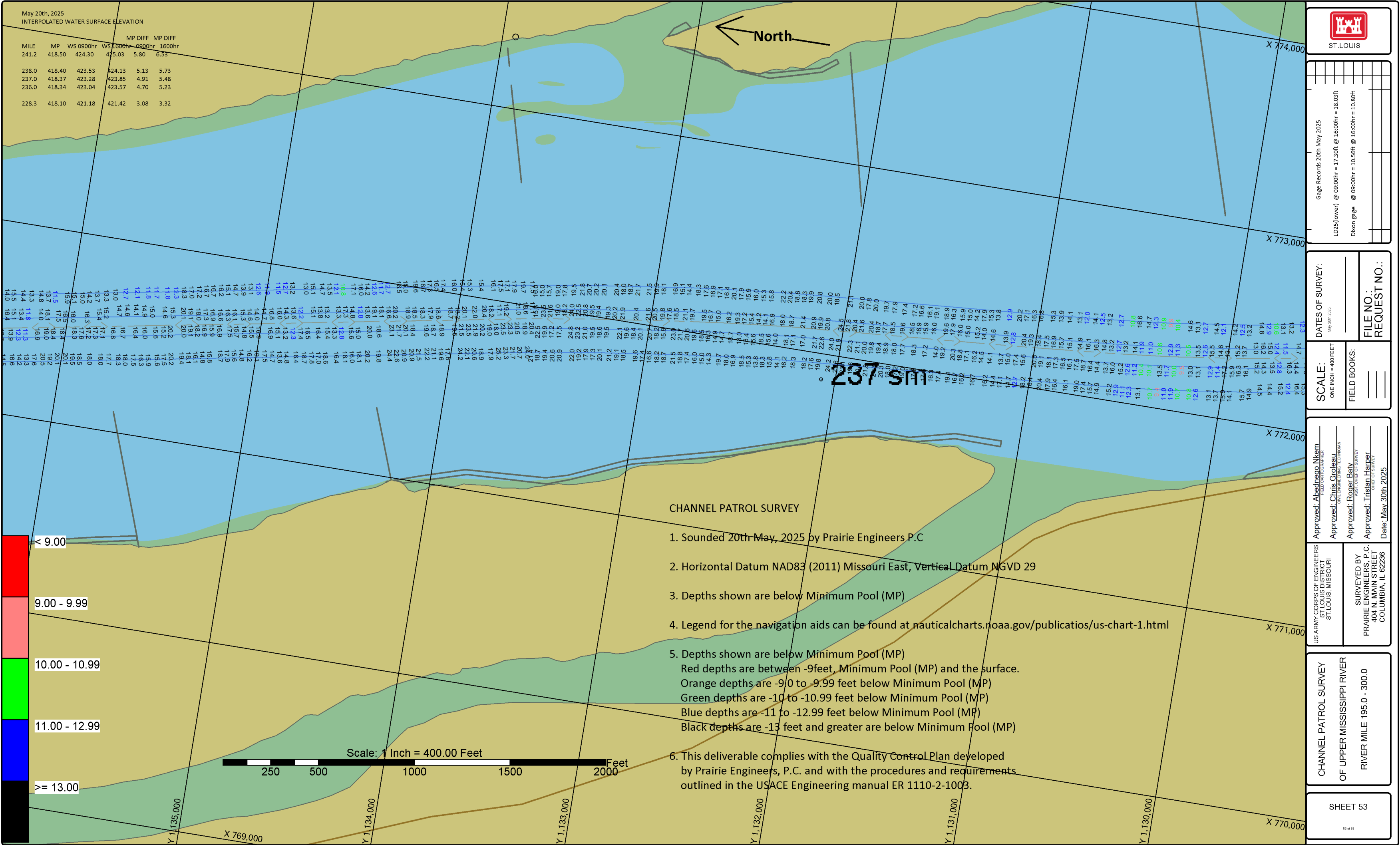
US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

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 52



ST. LOUIS

Gage Records 20th May 2025

LD25(lower) @ 09:00hr = 17.30ft @ 16:00hr = 18.03ft
Dixon gage @ 09:00hr = 10.56ft @ 16:00hr = 10.80ft

DATES OF SURVEY:

May 20th 2025

FILE NO.:

REQUEST NO.:

SCALE:

ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Aledhoro 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

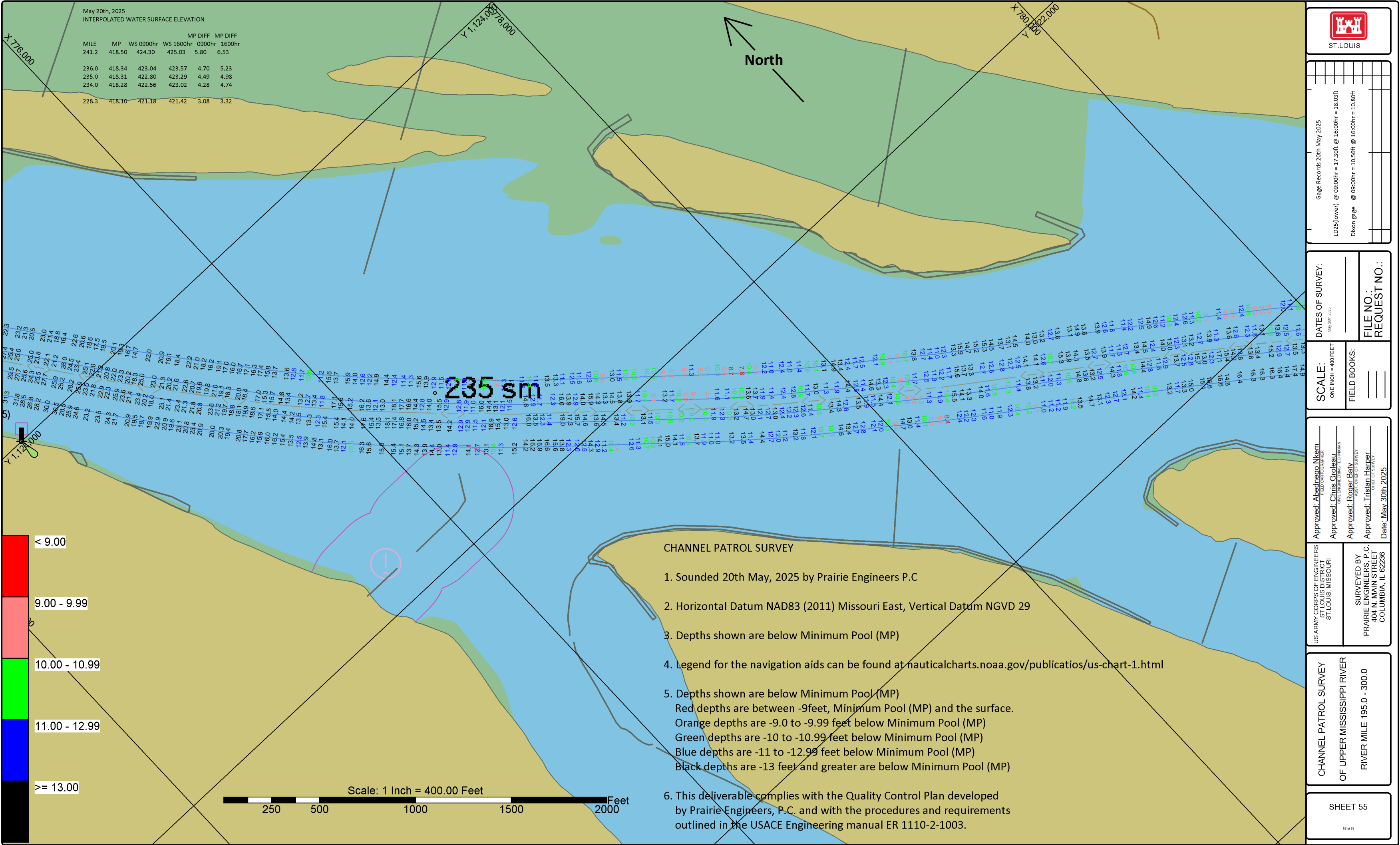
SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 53

53 of 60



ST. LOUIS

Gage Records 20th May 2025

LD25(lower) @ 09:00hr = 17.30ft @ 16:00hr = 18.03ft

Dixon gage @ 09:00hr = 10.56ft @ 16:00hr = 10.80ft

DATES OF SURVEY:

May 20th 2025

FILE NO.:

REQUEST NO.:

SCALE:

ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Aledhogo 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

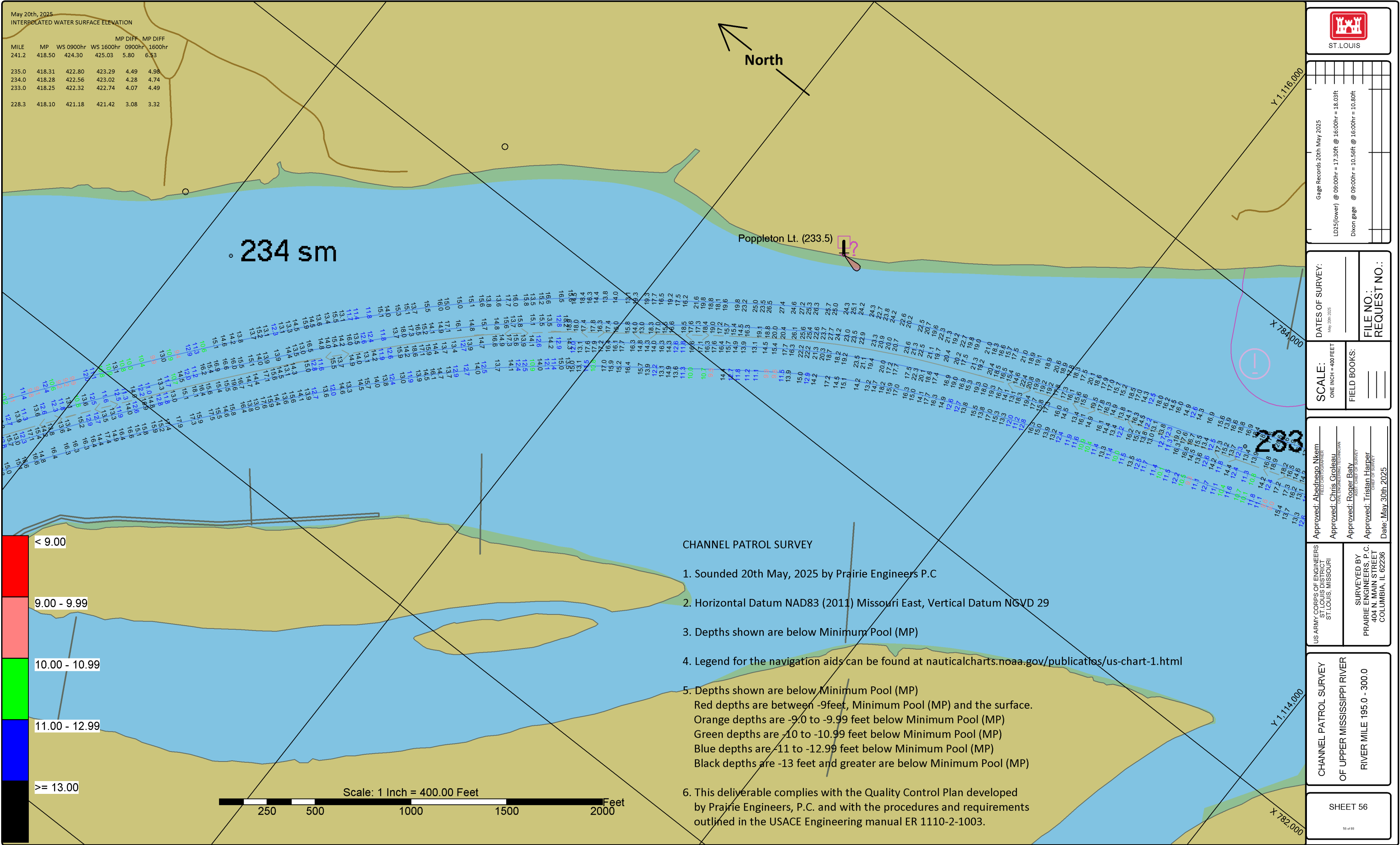
CHANNEL PATROL SURVEY

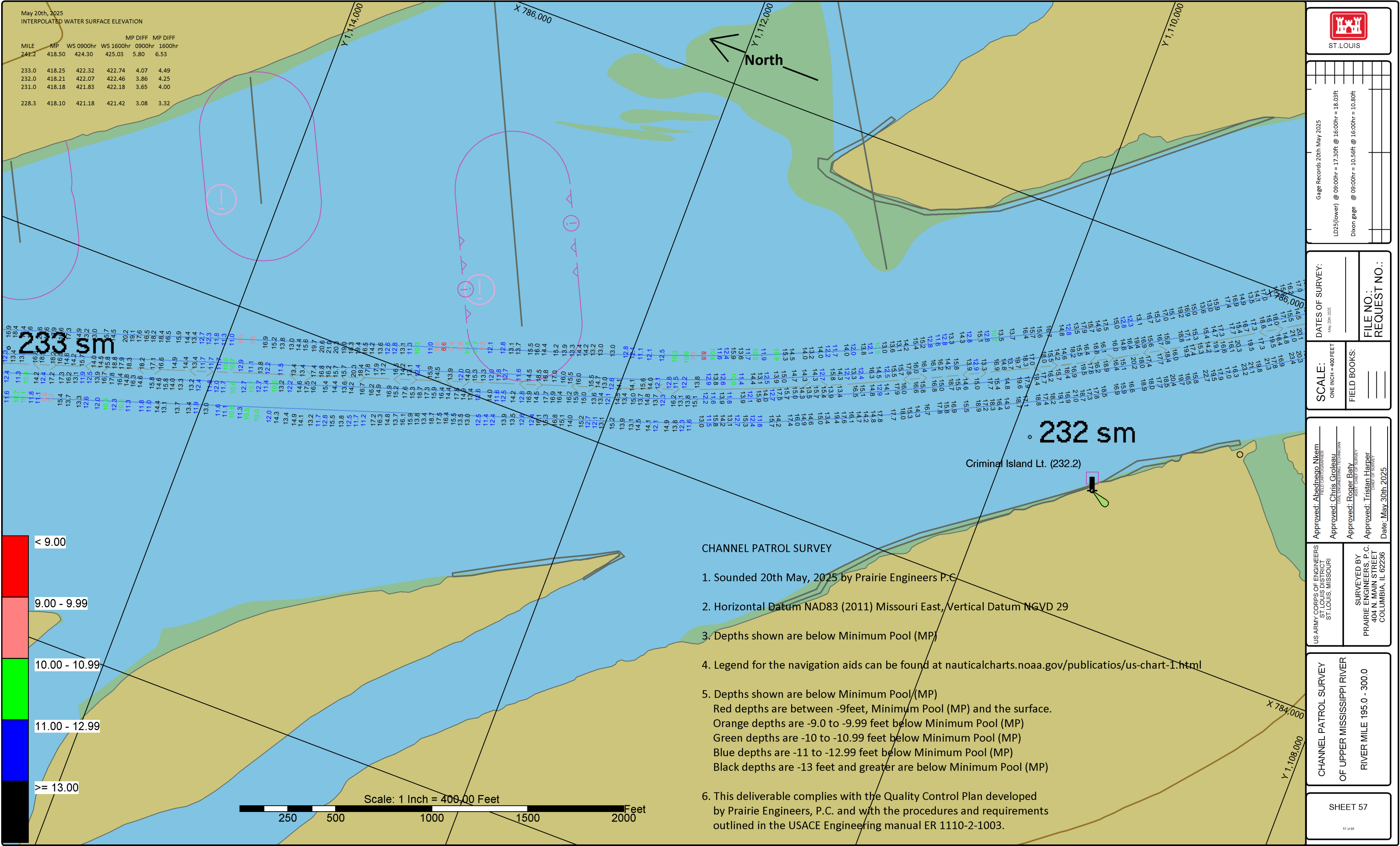
OF UPPER MISSISSIPPI RIVER

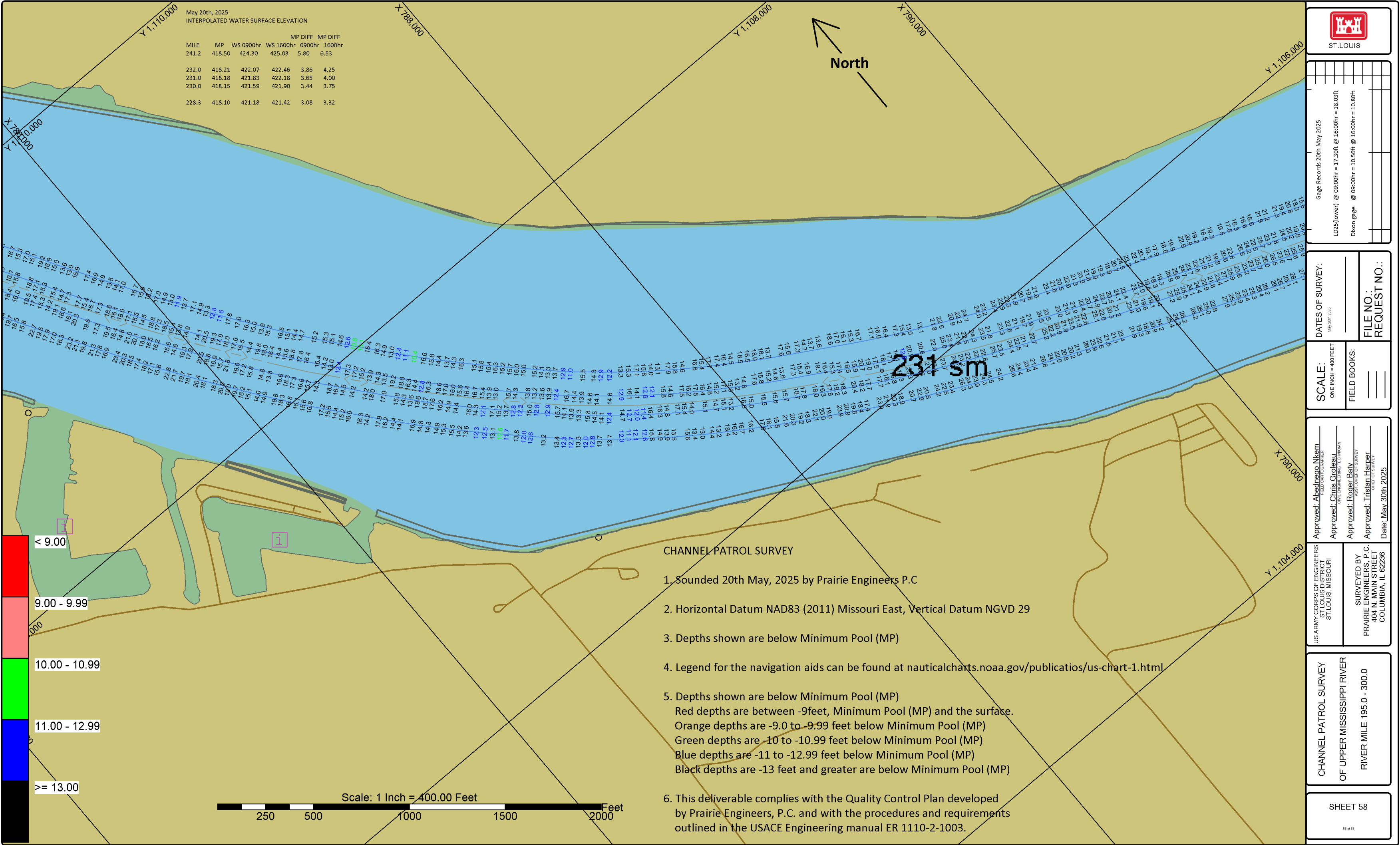
RIVER MILE 195.0 - 300.0

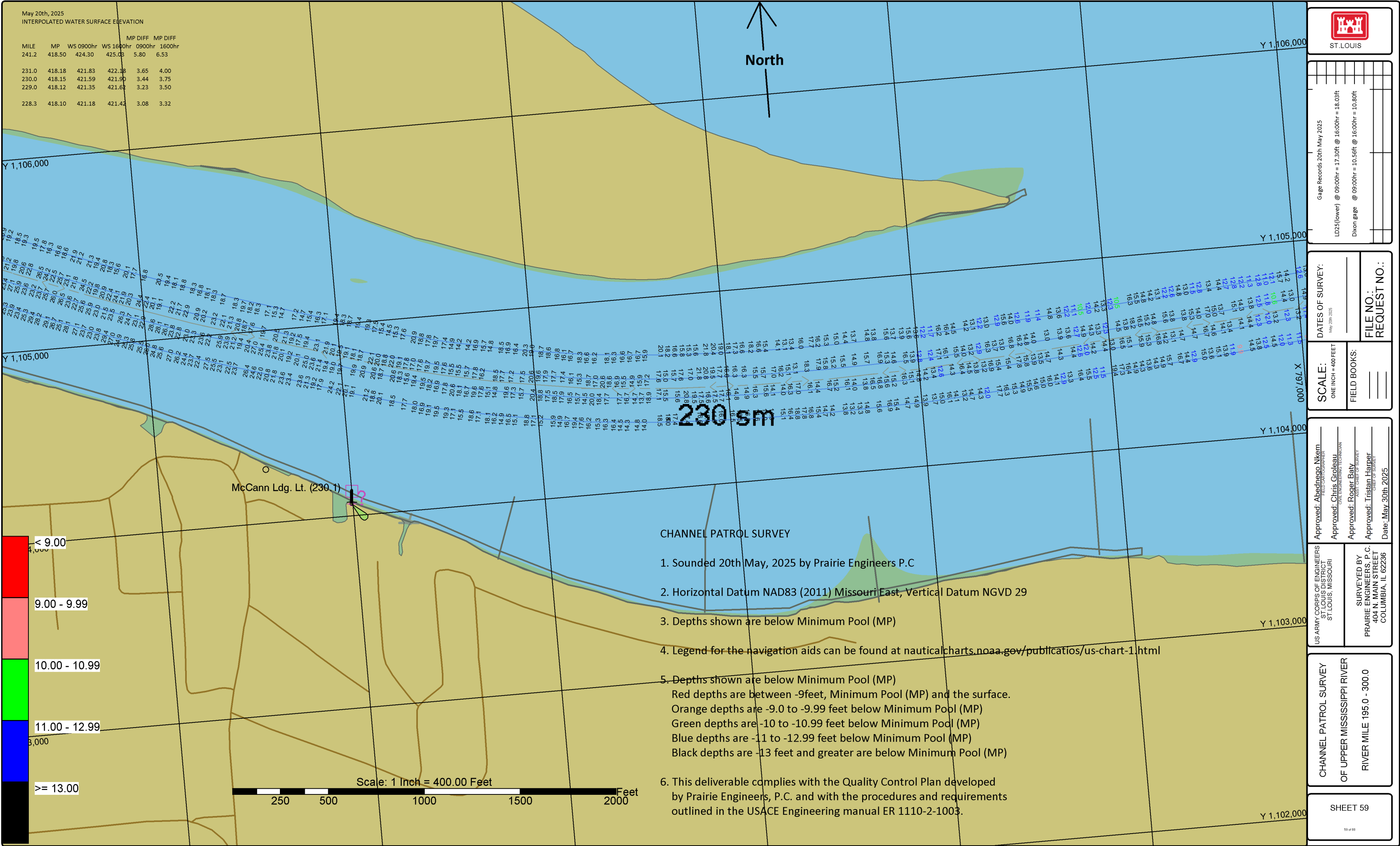
SHEET 55

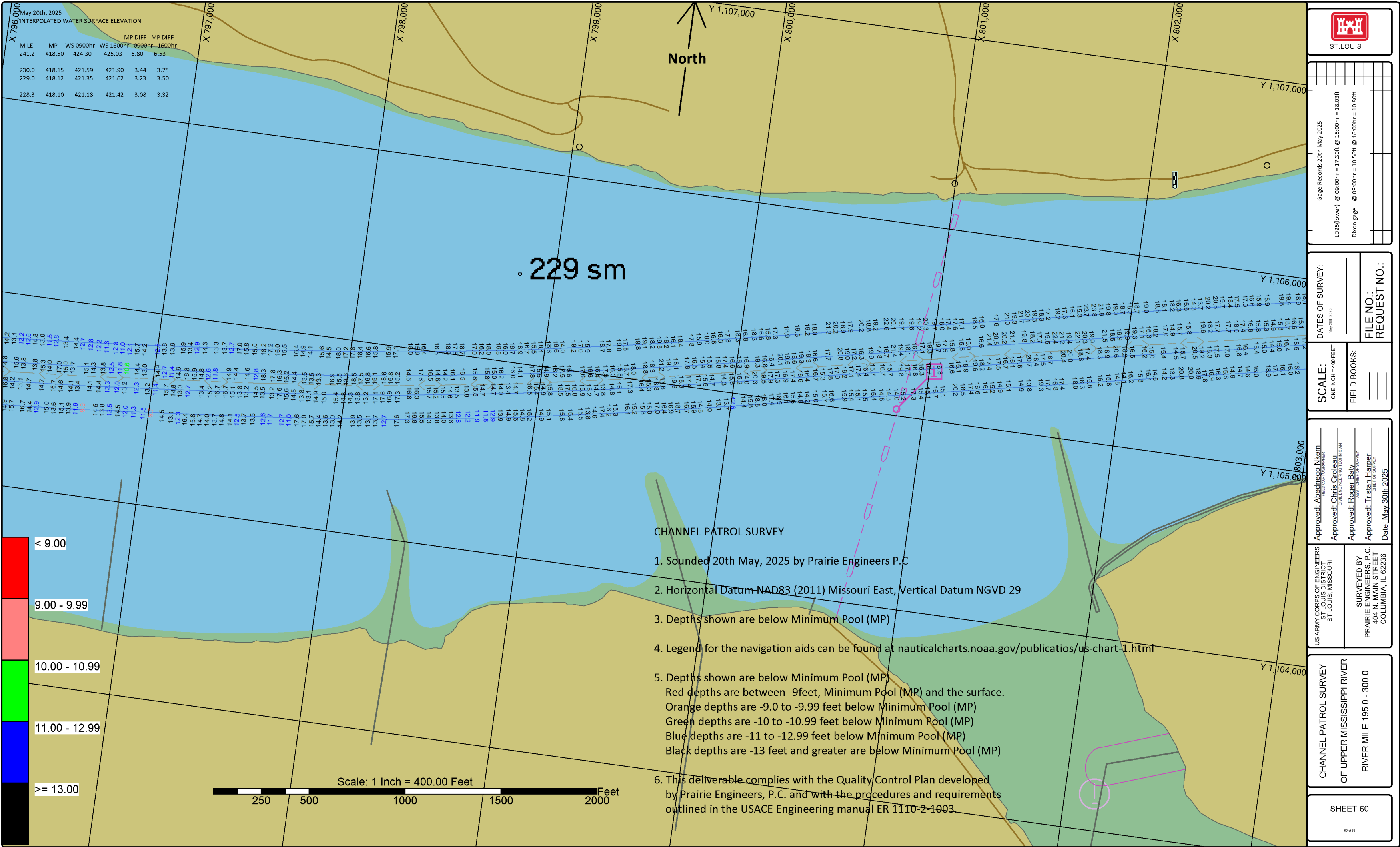
55 of 60





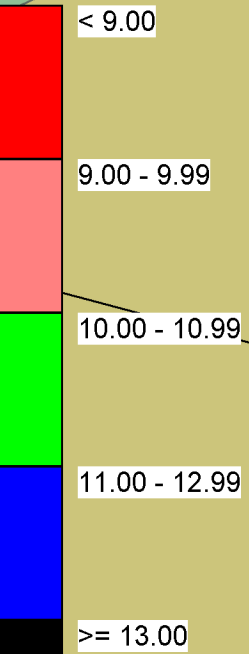
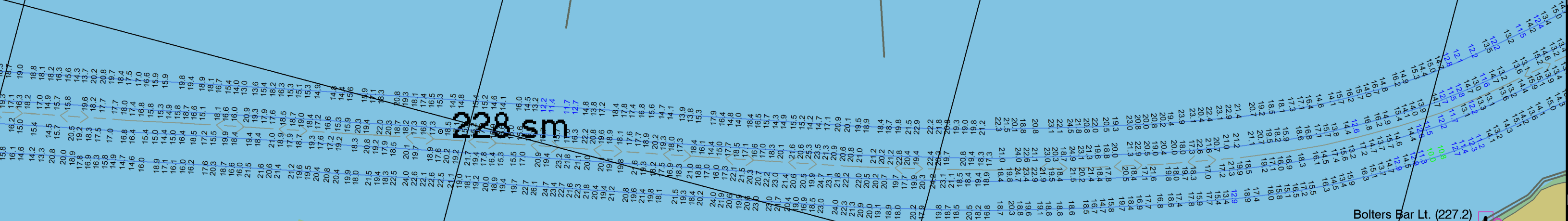






May 20th, 2025
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 0900hr	WS 1600hr	MP DIFF 0900hr	MP DIFF 1600hr
228.3	418.10	421.18	421.42	3.08	3.32
228.0	418.10	421.13	421.36	3.03	3.26
227.0	418.09	420.96	421.15	2.87	3.07
218.6	418.00	419.51	419.43	1.51	1.43



CHANNEL PATROL SURVEY

1. Sounded 20th 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/publications/us-chart-1.html
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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.



Gage Records 20th May 2025
Dixon gage @ 09:00hr = 10.56ft @ 16:00hr = 10.80ft
Grafton gage @ 09:00hr = 15.72ft @ 16:00hr = 15.64ft

DATES OF SURVEY:
May 20th 2025

FILE NO.:
REQUEST NO.:

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

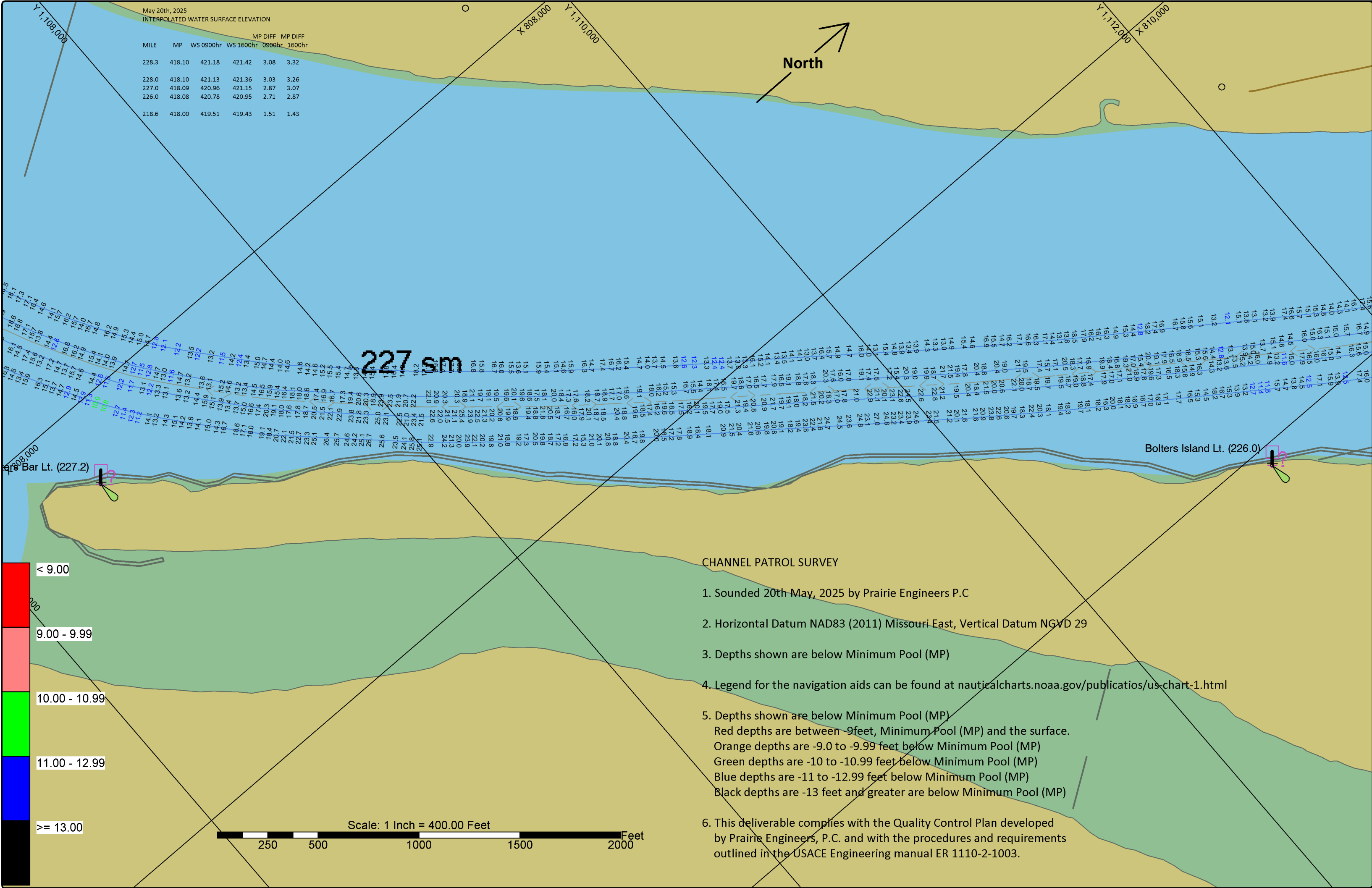
Approved: Aledhoro Nkem
Approved: Chris Groleau
Approved: Roger Baty
Approved: Tristan Harper
Date: May 30th 2025

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 61

61 of 60





ST. LOUIS

Gage Records 20th May 2025

Dixon gage @ 09:00hr = 10.56ft @ 16:00hr = 10.80ft

Grafton gage @ 09:00hr = 15.72ft @ 16:00hr = 15.64ft

DATES OF SURVEY:

May 20th 2025

FILE NO.:

REQUEST NO.:

SCALE:

ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Aledhoro Nkem
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

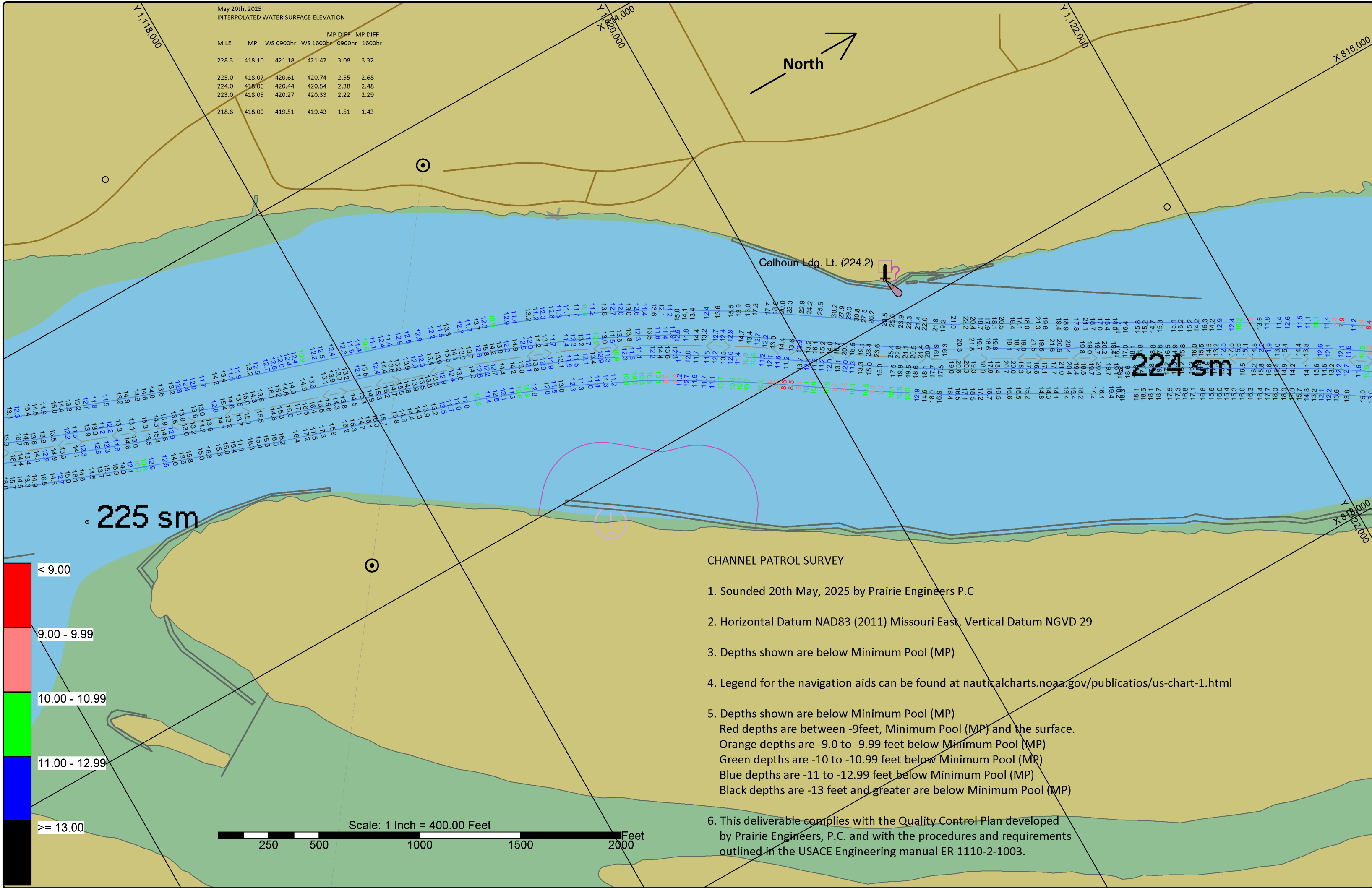
SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 62

62 of 68





ST. LOUIS

Gage Records 20th May 2025

Dixon gage @ 09:00hr = 10.56ft @ 16:00hr = 10.80ft

Grafton gage @ 09:00hr = 15.72ft @ 16:00hr = 15.64ft

DATES OF SURVEY:

May 20th 2025

FILE NO.:

REQUEST NO.:

SCALE:

ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Aledhoro Nkomo
DEPUTY COMMANDER

Approved: Chris Groleau
CIVIL ENGINEERING TECHNICIAN

Approved: Roger Baty
ASST. CHIEF OF SURVEY

Approved: Tristian Harper
CHIEF OF SURVEY

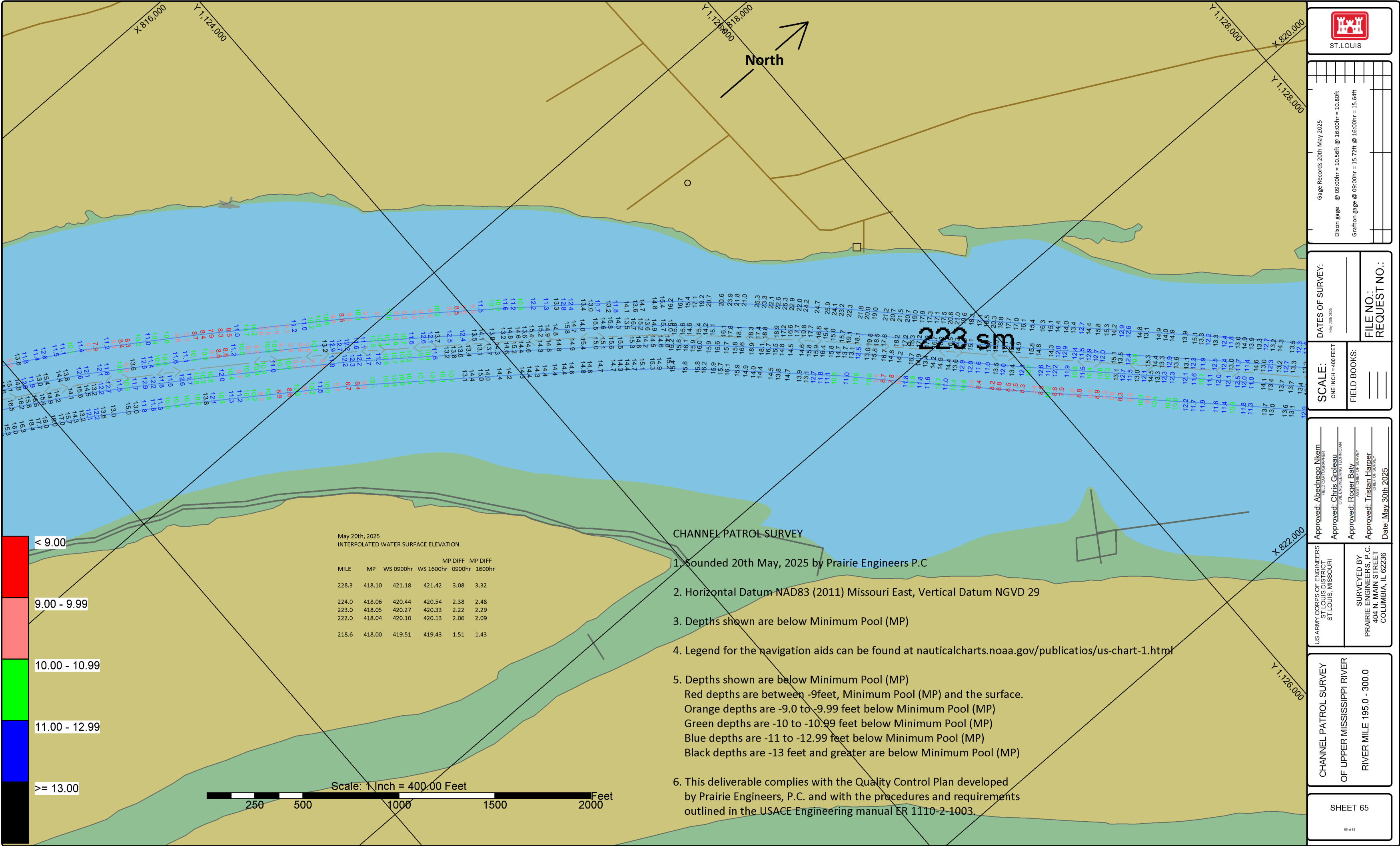
Date: May 30th 2025

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 64





ST. LOUIS

Gage Records 20th May 2025

Dixon gage @ 09:00hr = 10.56ft @ 16:00hr = 10.80ft

Grafton gage @ 09:00hr = 15.72ft @ 16:00hr = 15.64ft

DATES OF SURVEY:

May 20th 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

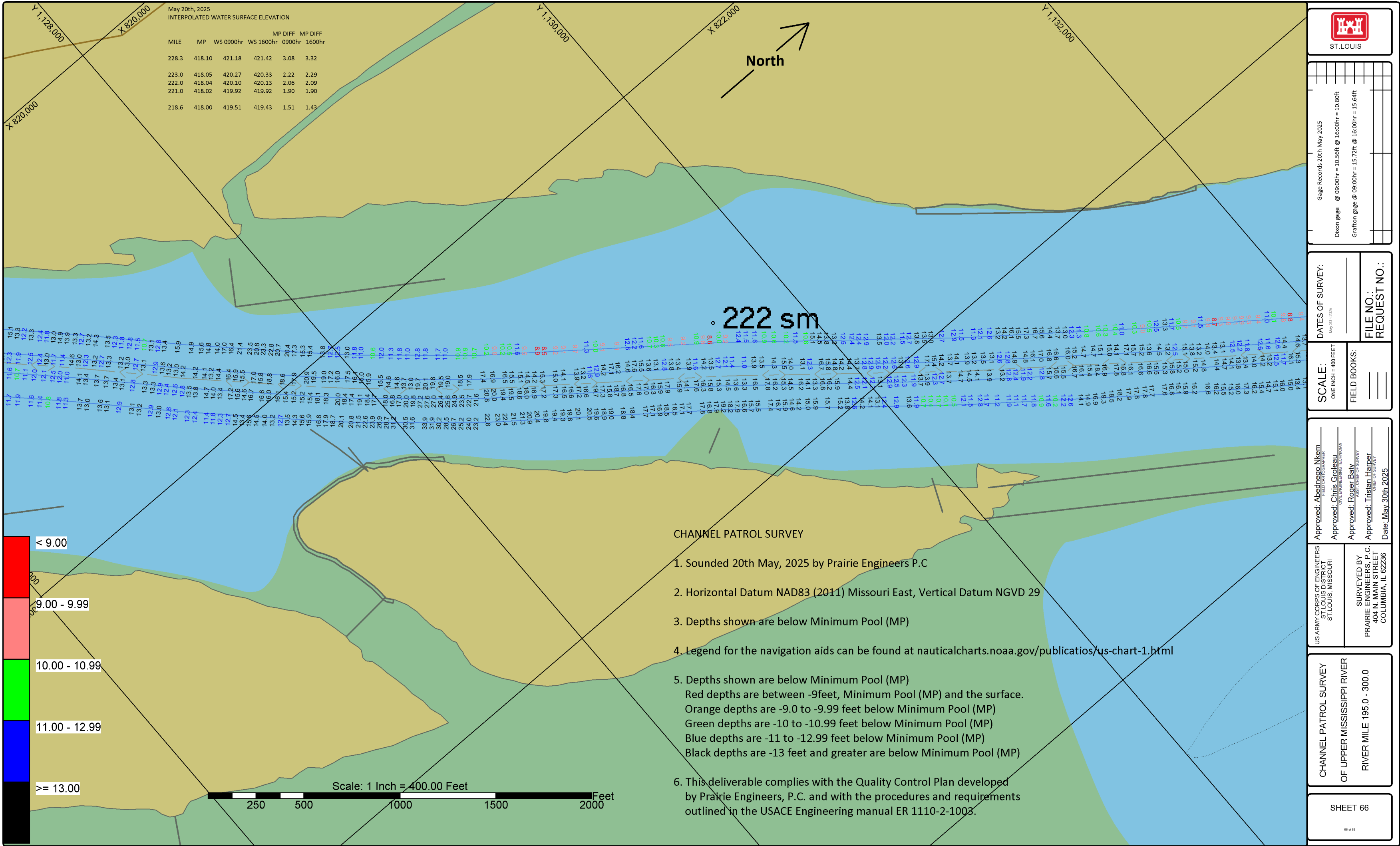
Date: May 30th 2025

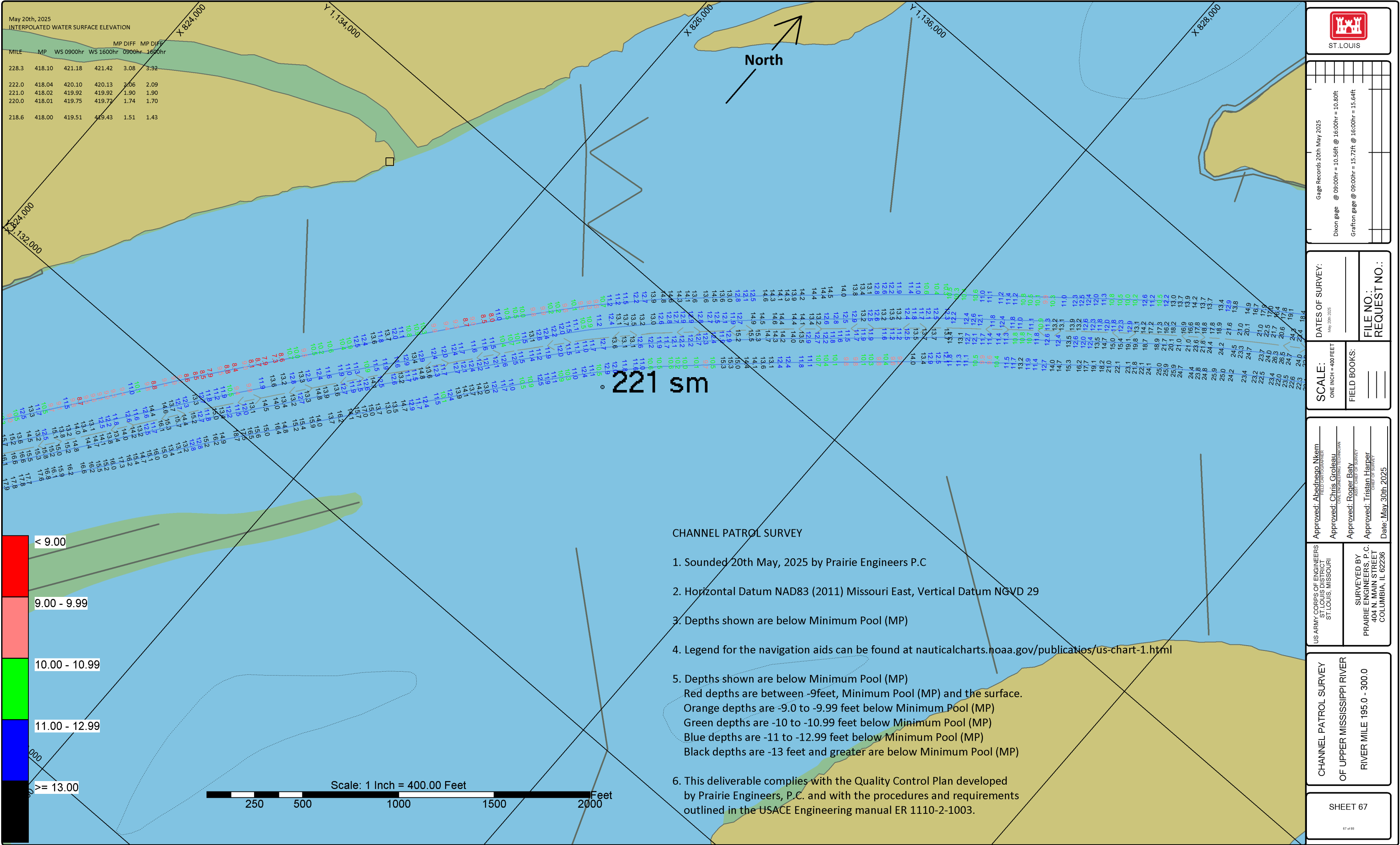
US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

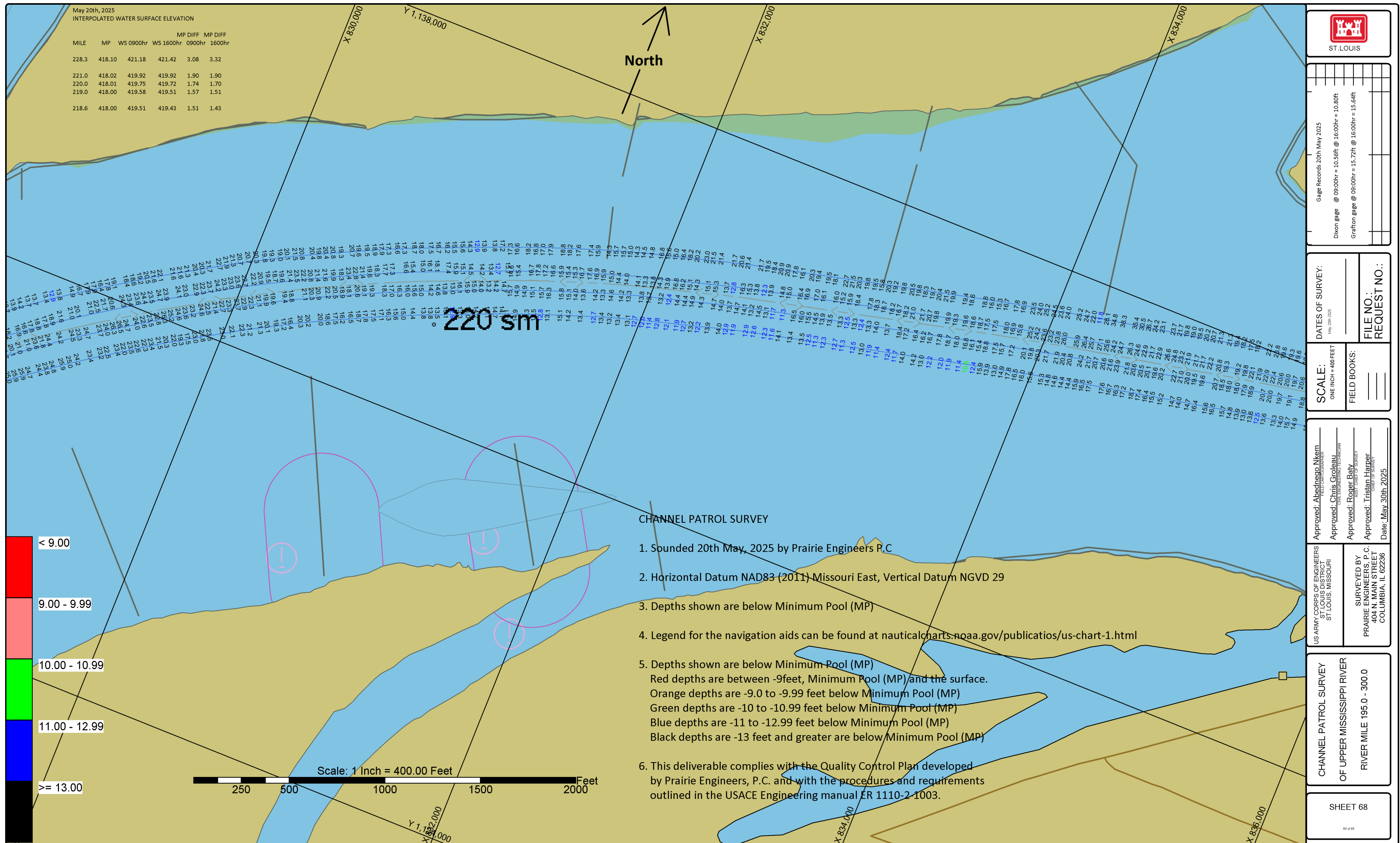
SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

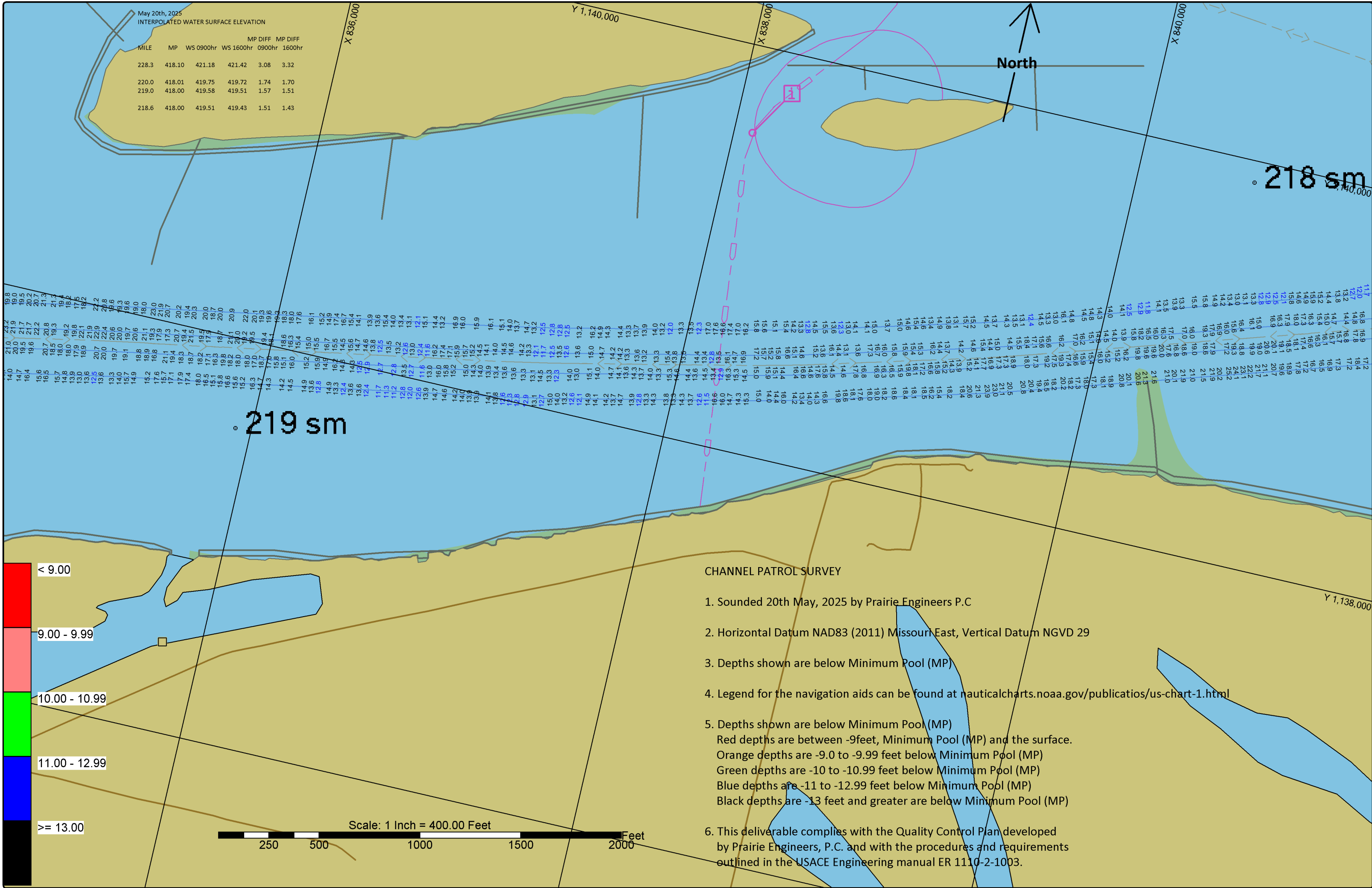
CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER
RIVER MILE 195.0 - 300.0

SHEET 65











ST. LOUIS

Gage Records 20th May 2025

Dixon gage @ 09:00hr = 10.56ft @ 16:00hr = 10.80ft

Grafton gage @ 09:00hr = 15.72ft @ 16:00hr = 15.64ft

DATES OF SURVEY:

May 20th 2025

FILE NO.:

REQUEST NO.:

SCALE:

ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Abehnegu 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 69

69 of 69