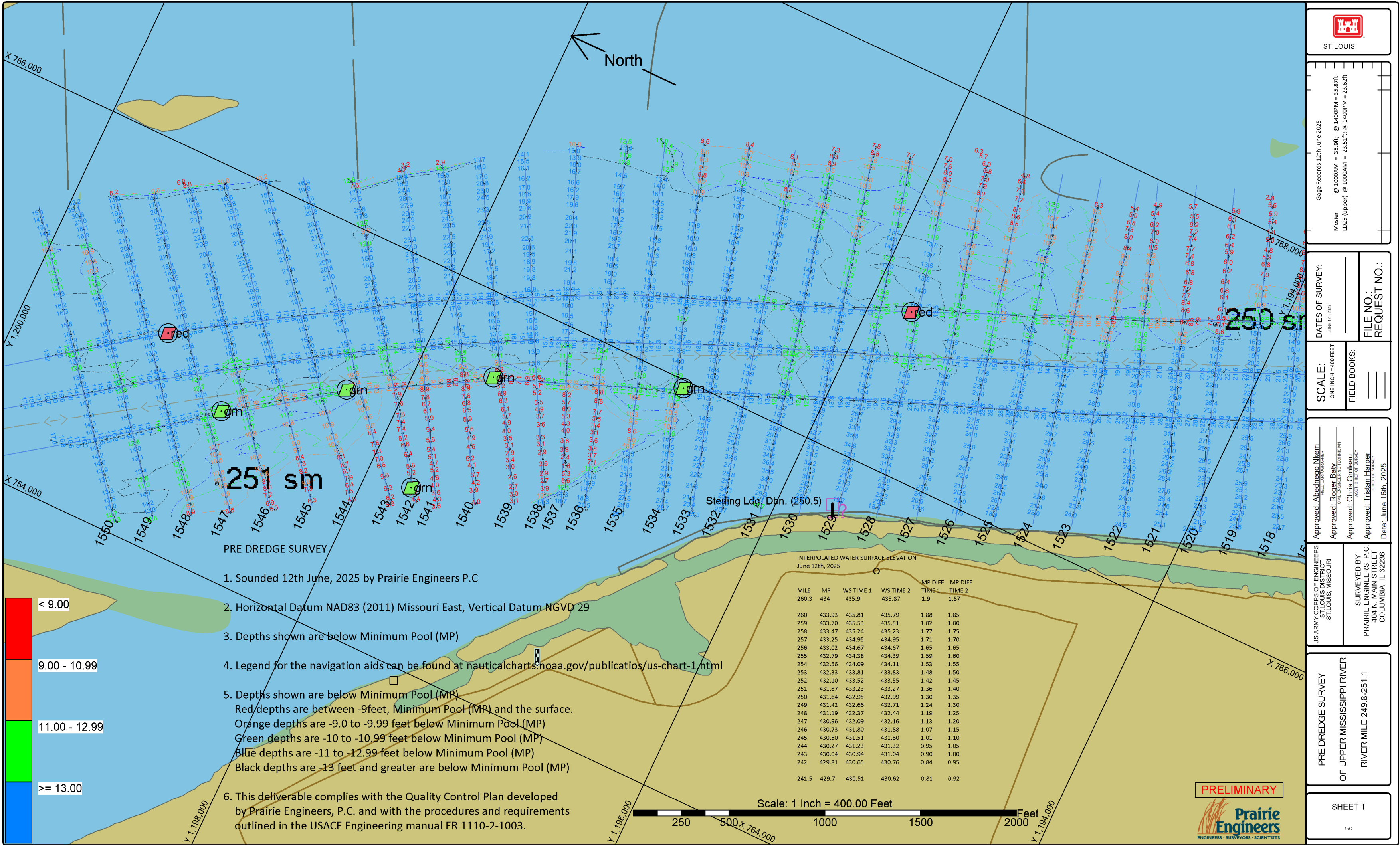




PRE DREDGE SURVEY

1. Sounded 12th 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.

MILE		MP		WS TIME 1		WS TIME 2		MP DIFF	
260.3		434		435.9		435.87		1.9	
260	433.93	435.81	435.79	1.88	1.85				
259	433.70	435.53	435.51	1.82	1.80				
258	433.47	435.24	435.23	1.77	1.75				
257	433.25	434.95	434.95	1.71	1.70				
256	433.02	434.67	434.67	1.65	1.65				
255	432.79	434.38	434.39	1.59	1.60				
254	432.56	434.09	434.11	1.53	1.55				
253	432.33	433.81	433.83	1.48	1.50				
252	432.10	433.52	433.55	1.42	1.45				
251	431.87	433.23	433.27	1.36	1.40				
250	431.64	432.95	432.99	1.30	1.35				
249	431.42	432.66	432.71	1.24	1.30				
248	431.19	432.37	432.44	1.19	1.25				
247	430.96	432.09	432.16	1.13	1.20				
246	430.73	431.80	431.88	1.07	1.15				
245	430.50	431.51	431.60	1.01	1.10				
244	430.27	431.23	431.32	0.95	1.05				
243	430.04	430.94	431.04	0.90	1.00				
242	429.81	430.65	430.76	0.84	0.95				
241.5	429.7	430.51	430.62	0.81	0.92				

Scale: 1 Inch = 400.00 Feet

PRELIMINARY





ST. LOUIS

Gage Records 12th June 2025

Mosier @ 1000AM = 35.9ft; @ 1400PM = 35.87ft
LD25 (upper) @ 1000AM = 23.51ft; @ 1400PM = 23.62ft

DATES OF SURVEY:

JUNE 12th, 2025

SCALE:

ONE INCH = 400 FEET

FIELD BOOKS:

FILE NO.:

REQUEST NO.:

Approved: Aledhoro Nkem
CIVIL ENGINEERING TECHNICIAN

Approved: Roger Baty
CIVIL ENGINEERING TECHNICIAN

Approved: Chris Groleau
ASST. CHIEF OF SURVEY

Approved: Tristan Harper
CHIEF OF SURVEY

Date: June 16th, 2025

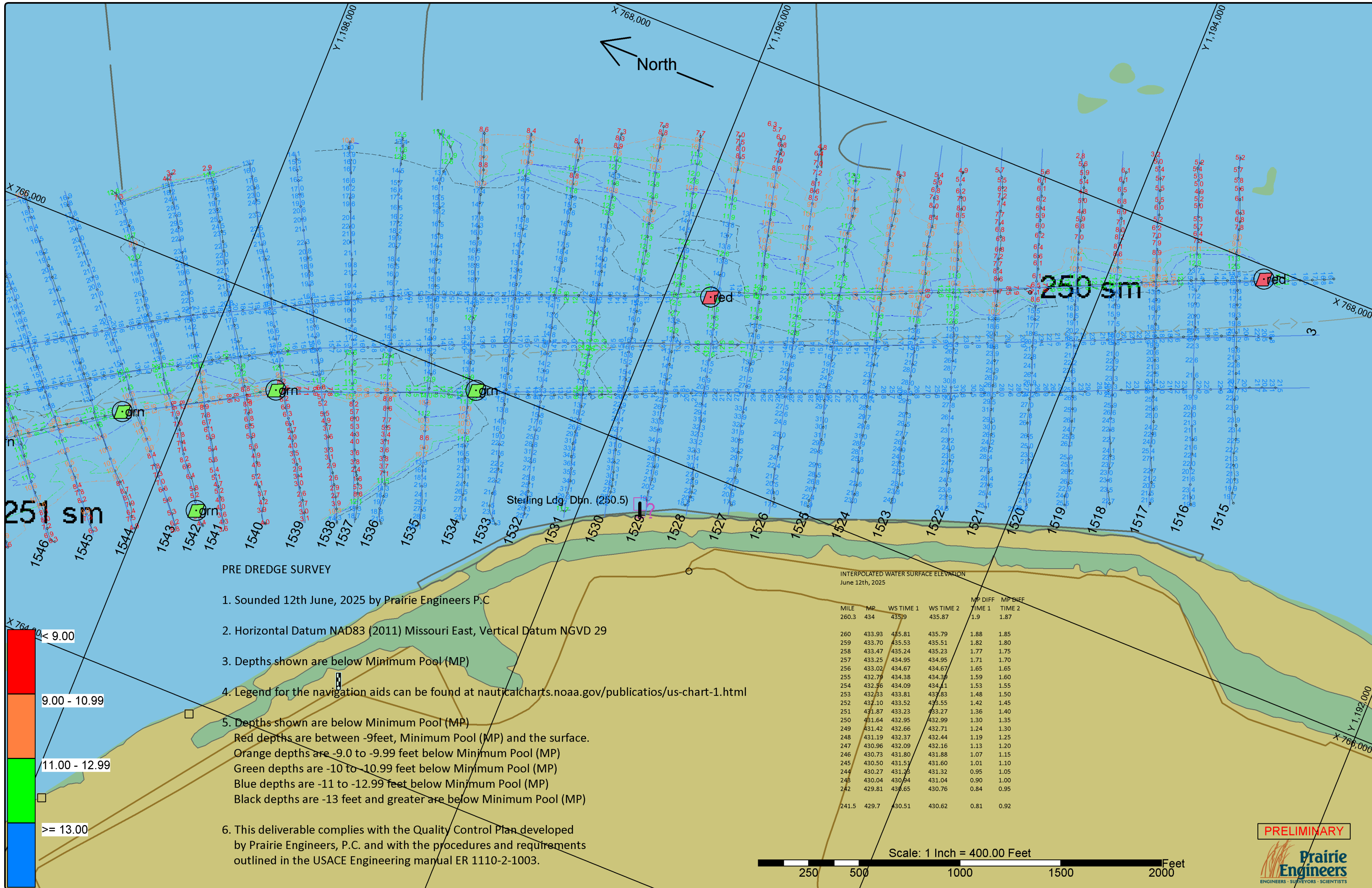
US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

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

PRE DREDGE SURVEY
OF UPPER MISSISSIPPI RIVER
RIVER MILE 249.8-251.1

SHEET 1

1 of 2



PRE DREDGE SURVEY

1. Sounded 12th 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/publications/us-chart-1.html
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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.

INTERPOLATED WATER SURFACE ELEVATION June 12th, 2025					
MILE	MP	WS TIME 1	WS TIME 2	MP DIFF TIME 1	MP DIFF TIME 2
260.3	434	435.9	435.87	1.9	1.87
260	433.93	435.81	435.79	1.88	1.85
259	433.70	435.53	435.51	1.82	1.80
258	433.47	435.24	435.23	1.77	1.75
257	433.25	434.95	434.95	1.71	1.70
256	433.02	434.67	434.67	1.65	1.65
255	432.79	434.38	434.38	1.59	1.60
254	432.56	434.09	434.11	1.53	1.55
253	432.33	433.81	433.83	1.48	1.50
252	432.10	433.52	433.55	1.42	1.45
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244	430.27	431.23	431.32	0.95	1.05
243	430.04	430.94	431.04	0.90	1.00
242	429.81	430.65	430.76	0.84	0.95
241.5	429.7	430.51	430.62	0.81	0.92

PRELIMINARY



ST. LOUIS

Gage Records 12th June 2025

Mosier @ 1000AM = 35.9ft; @ 1400PM = 35.87ft
LD25 (upper) @ 1000AM = 23.51ft; @ 1400PM = 23.62ft

DATES OF SURVEY:
JUNE 12th, 2025

FILE NO.:
REQUEST NO.:

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Aledhoro Nkomo
CHIEF OF SURVEY

Approved: Roger Baty
CHIEF OF SURVEY

Approved: Chris Groleau
CHIEF OF SURVEY

Approved: Tristan Harper
CHIEF OF SURVEY

Date: June 16th, 2025

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

SURVEYED BY
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COLUMBIA, IL 62236

PRE DREDGE SURVEY
OF UPPER MISSISSIPPI RIVER
RIVER MILE 249.8-251.1

SHEET 2

2 of 2