



Scale: 1 Inch = 400.00 Feet

- PRE DREDGE SURVEY
- Sounded 24 August, 2023 by Prairie Enginers, 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)
 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.

PRELIMINARY

August 24, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS	12:30		16:30	
			DIFF	MP	DIFF	MP
LD 24 TW						
273.5	434.10	434.63	434.66	0.53	0.56	
273.0	434.10	434.62	434.65	0.52	0.55	
272.0	434.09	434.61	434.62	0.52	0.53	
Rip Rap	434.00	434.53	434.43	0.53	0.43	



Gage Records 24 August, 2023

LD 24 TW	12:30 = 12.82	16:30 = 12.85
Rip Rap	12:30 = 8.50	16:30 = 8.40

DATES OF SURVEY:	24 August, 2023
SCALE:	ONE INCH = 400 FEET
FIELD BOOKS:	
FILE NO.:	
REQUEST NO.:	

Approved: **Abednego Nkem**
 U.S. ARMY CORPS OF ENGINEERS
 ST. LOUIS DISTRICT
 ST. LOUIS, MISSOURI

Approved: **Jarrett Lancer**
 CIVIL ENGINEERING TECHNICIAN
 ASSIST. CHIEF OF SURVEY

Approved: **Jarrett Lancer**
 CIVIL ENGINEERING TECHNICIAN
 ASSIST. CHIEF OF SURVEY

Approved: **Darren Foray**
 CHIEF OF SURVEY

Date: 29 August, 2023

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

MIDDLE MISSISSIPPI RIVER
 PRE DREDGE SURVEY
 RIVER MILES 273.2 - 272.2

