

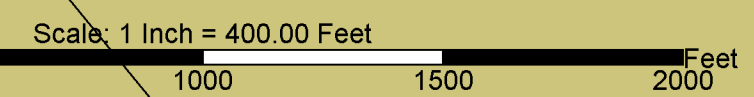
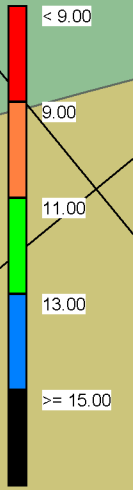
August 23, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 16:00	WS 19:00	MP DIFF 16:00	MP DIFF 19:00
LD 24 TW	273.5	434.10	435.09	434.96	0.99 0.86
271.0	434.07	434.98	434.89	0.91	0.82
270.0	434.06	434.94	434.87	0.88	0.81
269.0	434.05	434.90	434.84	0.85	0.79
Rip Rap	265.0	434.00	434.73	434.73	0.73 0.73

PRE DREDGE SURVEY

- Sounded 23 August, 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
- 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



Gage Records 23 August, 2023	LD 24 TW 16:00 = 13.28 19:00 = 13.15
	Rip Rap 16:00 = 8.7 19:00 = 8.7

DATES OF SURVEY:	23 August, 2023
SCALE:	ONE INCH = 400 FEET
FIELD BOOKS:	
FILE NO.:	
REQUEST NO.:	

Approved: **Abednego Nkem**
REGISTERED PROFESSIONAL ENGINEER
 Approved: **Jarrett Lancer**
CIVIL ENGINEERING TECHNICIAN
 Approved: **Jarrett Lancer**
CHIEF OF SURVEY
 Approved: **Darren Foray**
CHIEF OF SURVEY
 Date: 28 August, 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
 PRE DREDGE SURVEY
 RIVER MILES 270.4 - 269.3

