

SURVEY NOTES
 1. HORIZONTAL DATUM
 NAD 83 2011 MO EAST, US SURVEY FOOT
 2. VERTICAL DATUM
 NAVD83, US SURVEY FOOT
 3. DEPTHS SHOWN ARE BELOW MIN POOL SURFACE
 4. SURVEY EQUIPMENT
 VESSEL (M/SIMPSON) 26FT SEARK LITTLE GIANT
 ECHO SOUNDER: CODOM MarkII 200KHZ/R2 SONIC 2024 390KHZ
 POSITIONING: APRPLANK FOS/MV 320
 CORRECTIONS: MARINE STAR HP/MODOT VRS
 SVP: CAST-A-WAY CDT
 WATER SURFACE: INTERP FROM RIVER GAGES

GAGE RECORD

RIVER MILE	RIVER GAGE	ZERO NGVD29	Time1	Stage1	Time2	Stage2
52.1	Cape Girardeau	304.65	12:00	9.62	14:00	9.71
58.3	Moccasin Springs	313.89			14:00	8.10

River Mile	Estimated Water Surface	LWRP2014	LWRP Diff
66.3	321.99	317.54	4.45
64.5 Work Area	315.6	311.49	4.29
52.1	314.30	310.01	4.11

ST. LOUIS DIST

DATE OF SURVEY: _____
December 13, 2021

FILE NO.: _____
 REQUEST NO.: _____

SCALE: _____
ONE INCH = 800 FEET

FIELD BOOKS: _____

Approved: _____
Field/Contractor/Operator

Approved: _____
Chief/Supervising Technician

Approved: _____
Assistant Chief of Survey

Approved: _____
Chief of Survey

Date: 13 December 2021

U.S. ARMY CORPS OF ENGINEERS
 ST. LOUIS DISTRICT
 ST. LOUIS, MISSOURI

ENGINEERING DIVISION
 SURVEYING/PHOTOGRAMMETRY SECTION
 CEM/SE030

Mississippi River Basin
 PRE DREDGE SURVEY
 RIVER MILES 54.1-54.9

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