SURVEY NOTES:

1) HORIZONTAL DATUM:
NAD83 ILLINOIS WEST 1202, US SURVEY FOOT

2) VERTICAL DATUM:
NAVD88, FOOT

3) DEPTHS SHOWN ARE BELOW MINIMUM POOL.

4) SURVEY INFORMATION:
SURVEY VESSEL: BOWEN1 (24' SCULLY'S WORK BOAT)
ECHO SOUNDER: TELEDYNE ECHOTRAC E20
TRANSDUCER: ODOM SMSW200-4 (4° BEAM, 200 kHz)
SOUND VELOCITY SOURCE: VALEPORT SWIFT SVP
INS: SBG ELLIPSE2-E-G4A2-B1
GNSS RECEIVER: TRIMBLE MPS865 WITH DUAL ANTENNAS
GNSS SOURCE: TRIMBLE CENTERPOINT RTX
TIDE METHOD: REAL-TIME KINEMATIC
TIDE SOURCE: TRIMBLE CENTERPOINT RTX

5) THE SURVEY WAS COMPLETED IN ACCORDANCE WITH QUALITY CONTROL PLAN PROCEDURES.

DATE	GAGE	RIVER MILE	DMG	TIME	STAGE	NGVD29 ZERO	NGVD29 WS ELEV	NGVD29 MIN. POOL	NAVD88 ZERO	NAVD88 WS ELEV	NAVD88 MIN. POOL	MIN. POOL DIFFERENCE
20230905	VALLEY CITY	61.3	322565	12:00	1.22	418.00	419.22	418.90	417.58	418.80	418.48	0.32
20230905	VALLEY CITY	61.3	322565	17:00	1.22	418.00	419.22	418.90	417.58	418.80	418.48	0.32
20230905	MEREDOSIA	70.8	373097	12:00	1.42	418.00	419.42	419.00	417.71	419.13	418.71	0.42
20230905	MEREDOSIA	70.8	373097	17:00	1.43	418.00	419.43	419.00	417.71	419.14	418.71	0.43

N 1,172,000
E 2,166,000
N 1,110,000
E 2,164,000
E 2,166,000
Mauvaise Terre Dbn. (62.8)
ILLINOIS
63
62
N 1,114,000
E 2,162,000
Valley City Bridge Dbn. (62.7)
ILLINOIS
N
Scale: 1 Inch = 400.00 Feet
250 500 1000 1500 2000 Feet
E 2,164,000
N 1,114,000
N 1,112,000
E 2,162,000
N 1,110,000

St. Louis District

DATES OF SURVEY:
SEPTEMBER 5, 2023

FILE NO.: 06210523
REQUEST NO.: W912P923R0113

SCALE:
1" = 400' (ANSI B)

FIELD BOOKS:

Approved: FIELD CARTOGRAPHER
Approved: CIVIL ENGINEERING TECHNICIAN
Approved: ASST. CHIEF OF SURVEY
Approved: CHIEF OF SURVEY
Date:

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

SURVEYED BY:
BOWEN ENGINEERING AND SURVEYING, P.C.
2121 NEOSHA DRIVE
CAPE GIRARDEAU, MO 63701

UPPER MISSISSIPPI RIVER BASIN
ILLINOIS RIVER
PRE DREDGE SURVEY
RIVER MILES 63.0 - 61.0

SHEET NO.
1 OF 2

SURVEY NOTES:

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NAD83 ILLINOIS WEST 1202, US SURVEY FOOT

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E 2,164,000
N 1,108,000
E 2,162,000
N 1,110,000
N 1,106,000
N 1,104,000
ILLINOIS
62
61
Owens Dbn. (61.0)
Griggsville Lndg
N
Scale: 1 Inch = 400.00 Feet
250 500 1000 1500 2000
Valley City, IL
Feet

St. Louis District

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

SURVEYED BY:
BOWEN ENGINEERING AND SURVEYING, P.C.
2121 MEGAN DRIVE
CAPE GIRARDEAU, MO 63701

UPPER MISSISSIPPI RIVER BASIN
ILLINOIS RIVER
PRE DREDGE SURVEY
RIVER MILES 63.0 - 61.0

SHEET NO.
2 OF 2