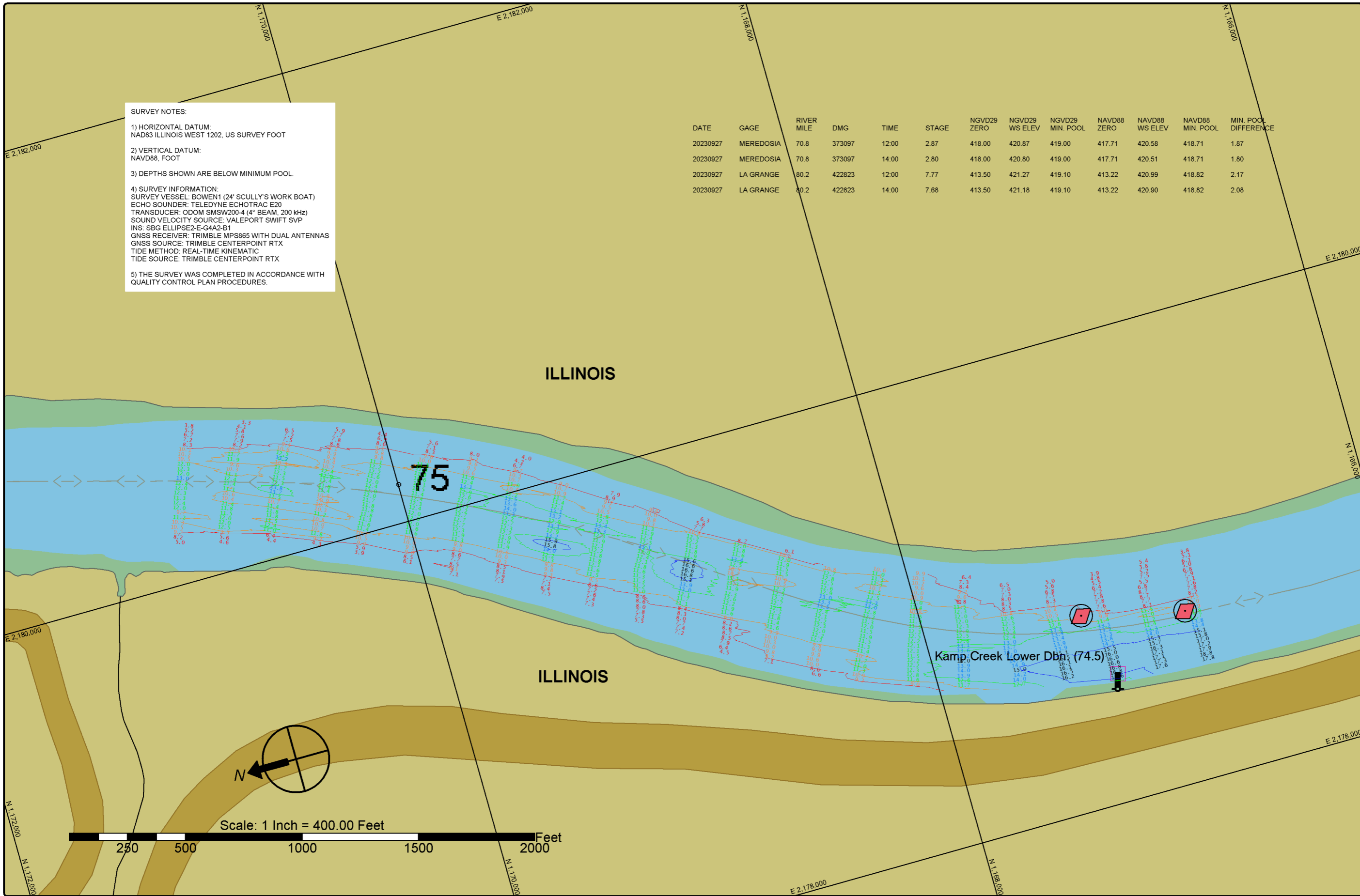



SURVEY NOTES:
 1) HORIZONTAL DATUM:
 NAD83 ILLINOIS WEST 1202, US SURVEY FOOT
 2) VERTICAL DATUM:
 NAVD88, FOOT
 3) DEPTHS SHOWN ARE BELOW MINIMUM POOL.
 4) SURVEY INFORMATION:
 SURVEY VESSEL: BOWEN1 (24' SCULLY'S WORK BOAT)
 ECHO SOUNDER: TELEDYNE ECHOTRAC E20
 TRANSDUCER: ODOM SMSW200-4 (4° BEAM, 200 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
20230927	MEREDOSIA	70.8	373097	12:00	2.87	418.00	420.87	419.00	417.71	420.58	418.71	1.87
20230927	MEREDOSIA	70.8	373097	14:00	2.80	418.00	420.80	419.00	417.71	420.51	418.71	1.80
20230927	LA GRANGE	80.2	422823	12:00	7.77	413.50	421.27	419.10	413.22	420.99	418.82	2.17
20230927	LA GRANGE	80.2	422823	14:00	7.68	413.50	421.18	419.10	413.22	420.90	418.82	2.08





St. Louis District

DATES OF SURVEY: SEPTEMBER 27, 2023	FILE NO.: 0756273 REQUEST NO.: W91P923F0113
SCALE: 1" = 400' (ANSI B)	FIELD BOOKS: _____ _____
APPROVED: FIELD CARTOGRAPHER CIVIL ENGINEERING TECHNICIAN	APPROVED: ASST. CHIEF OF SURVEY CHIEF OF SURVEY
U.S. ARMY CORPS OF ENGINEERS ST. LOUIS DISTRICT ST. LOUIS, MISSOURI	SURVEYED BY: BOWEN ENGINEERING AND SURVEYING, P.C. 2131 MEGAN DRIVE CAPE GIRARDEAU, MO 63701
UPPER MISSISSIPPI RIVER BASIN ILLINOIS RIVER POST DREDGE SURVEY RIVER MILES 75.1 - 74.4	
SHEET NO. 1 OF 1	