

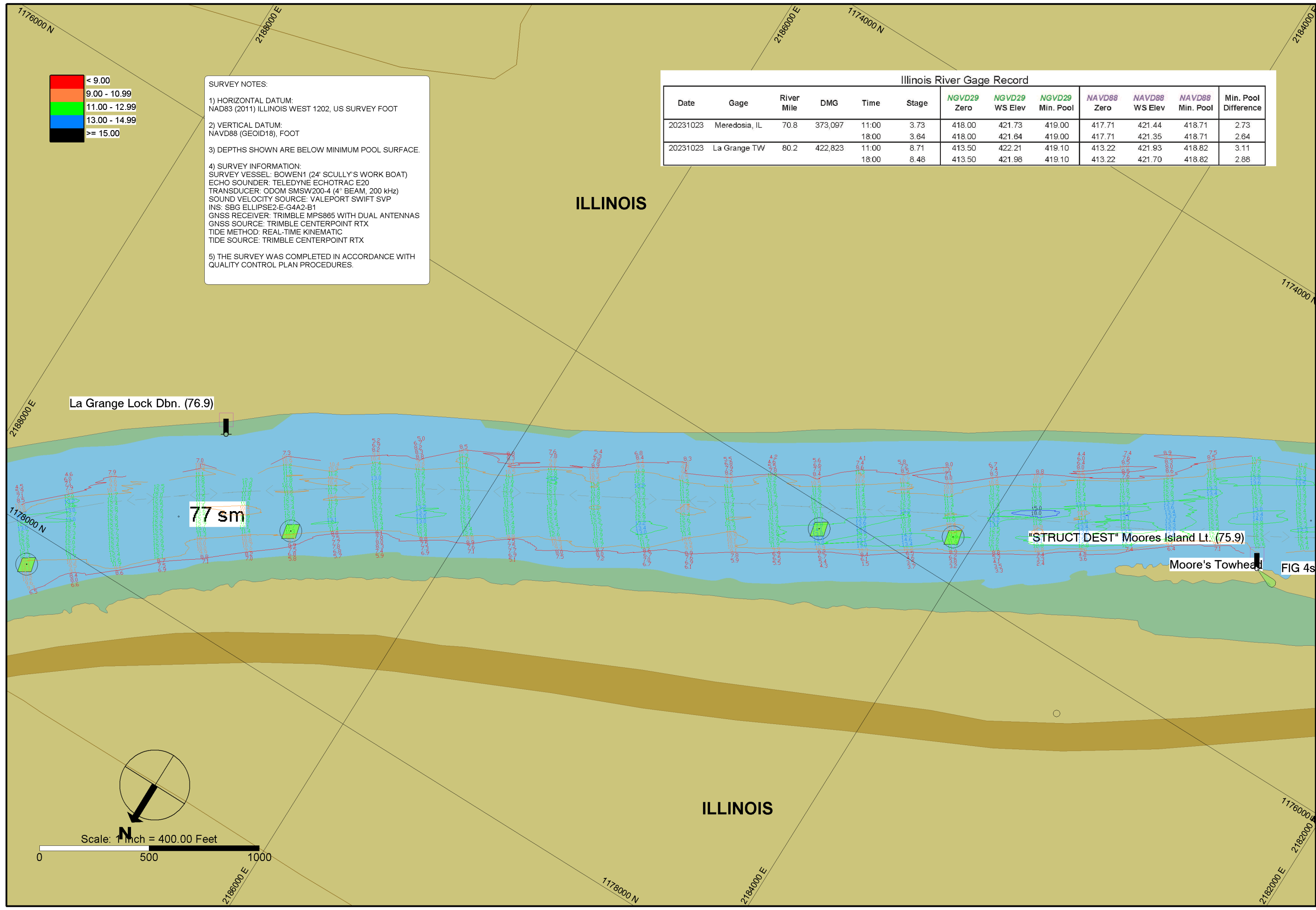


St. Louis District

Date	Gage	River Mile	DMG	Time	Stage	NGVD29	NGVD29	NGVD29	NAVD88	NAVD88	NAVD88	Min. Pool Difference
						Zero	WS Elev	Min. Pool	Zero	WS Elev	Min. Pool	
20231023	Meredosia, IL	70.8	373,097	11:00	3.73	418.00	421.73	419.00	417.71	421.44	418.71	2.73
				18:00	3.64	418.00	421.64	419.00	417.71	421.35	418.71	2.64
20231023	La Grange TW	80.2	422,823	11:00	8.71	413.50	422.21	419.10	413.22	421.93	418.82	3.11
				18:00	8.48	413.50	421.98	419.10	413.22	421.70	418.82	2.88

SURVEY NOTES:

- HORIZONTAL DATUM:
NAD83 (2011) ILLINOIS WEST 1202, US SURVEY FOOT
- VERTICAL DATUM:
NAVD88 (GEOID18), FOOT
- DEPTHS SHOWN ARE BELOW MINIMUM POOL SURFACE.
- 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
- THE SURVEY WAS COMPLETED IN ACCORDANCE WITH QUALITY CONTROL PLAN PROCEDURES.



DATE OF SURVEY:
 OCTOBER 23, 2023
 FILE NO.: 076J2323
 TASK NO.: W012P923F0113

SCALE:
 1" = 400' (ANSI B)
 FIELD BOOKS:

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

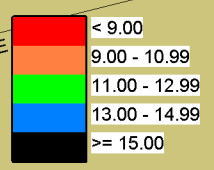
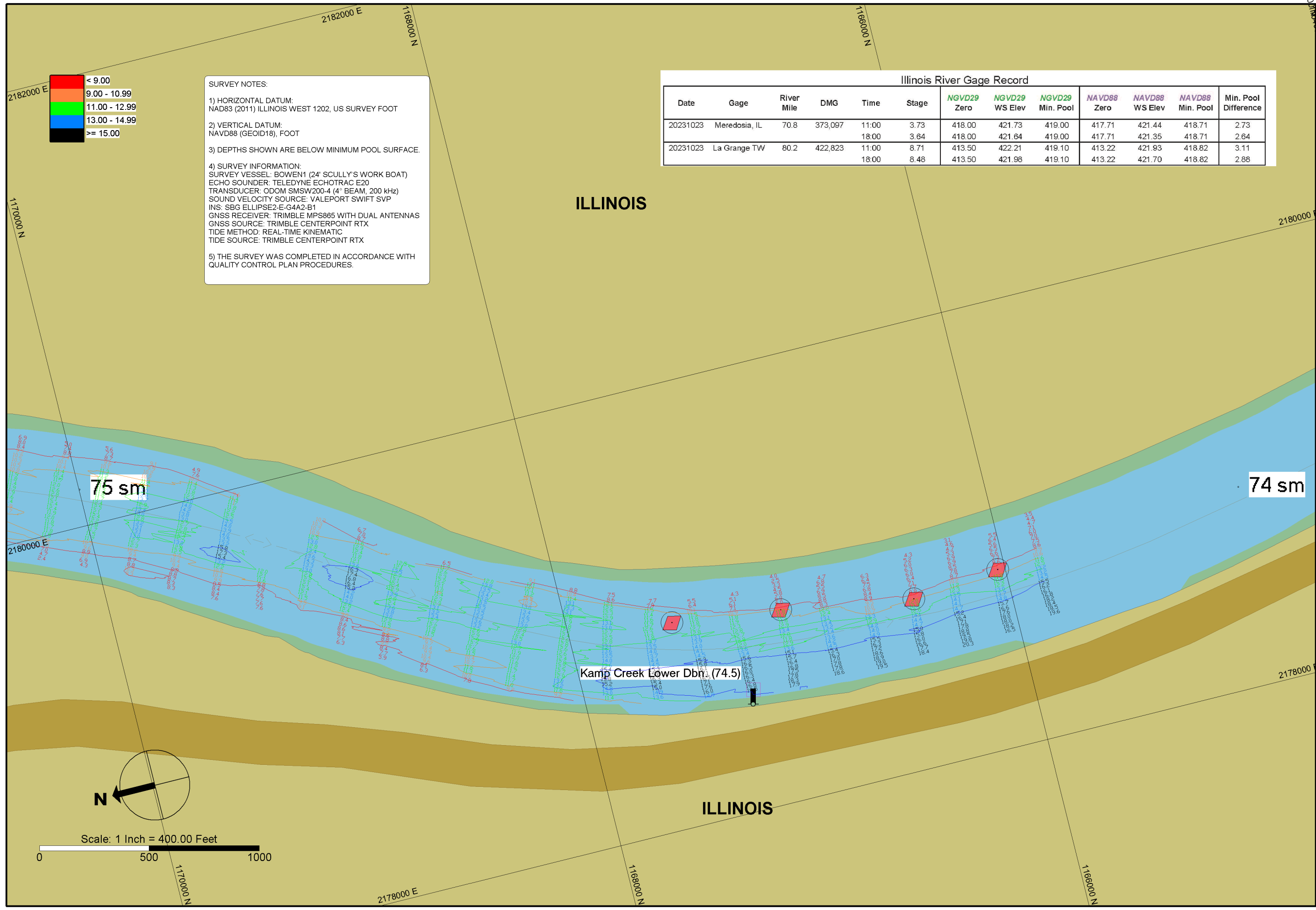
U.S. ARMY CORPS OF ENGINEERS
 ST. LOUIS DISTRICT
 ST. LOUIS, MISSOURI
 SURVEYED BY:
 BOWEN ENGINEERING & SURVEYING, P.C.
 2121 MEGAN DRIVE, CAPE GIRARDEAU, MO

UPPER MISSISSIPPI
 RIVER BASIN
 ILLINOIS RIVER
 POST DREDGE SURVEY
 RIVER MILES 77.1 - 74.1

SHEET NO.
 1 OF 3



St. Louis District



SURVEY NOTES:

- 1) HORIZONTAL DATUM:
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- 2) VERTICAL DATUM:
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- 3) DEPTHS SHOWN ARE BELOW MINIMUM POOL SURFACE.
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