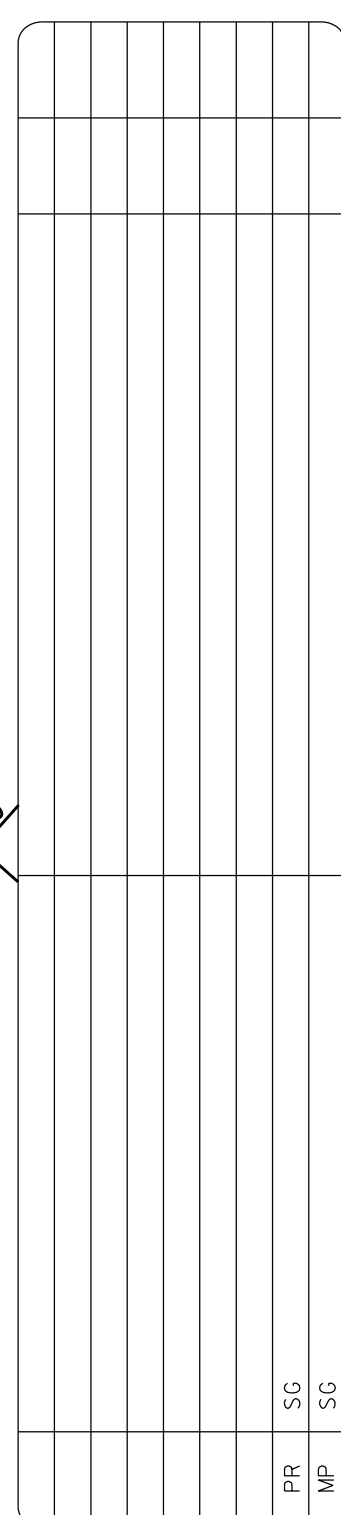




DATES OF SURVEY:
 9.15.16,20.21 JULY 2020

 REG.NO./FILE NO.: 4964/AL

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
N/A

APPROVED: J. BERLOTTI
FIELD SUPERVISOR

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHAUJOUR
LOCAL CHAIRPERSON

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEY

DATE: 23 JULY 2020

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

MATAWAN CREEK
ATAWAN NEW JERSEY
CONDITION SURVEY

VH-101

SHEET 1 OF 3

REQ.NO./FILE NO.: 4964/AL



[illegible]

FIELD BOOKS: N/A	DATES UP SURVEY: 9.15.16-20.21 JULY 2020
SCALE: ONE INCH = 100 FEET	REG NO./FILE NO.: 4964/AL

APPROVED: J. BERKOUTI
FIELD ENGINEER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
LEAD CARPENTER

APPROVED: J. MRAZ
SENIOR CHIEF OF SURVEY

DATE: 23 JULY 2020

NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

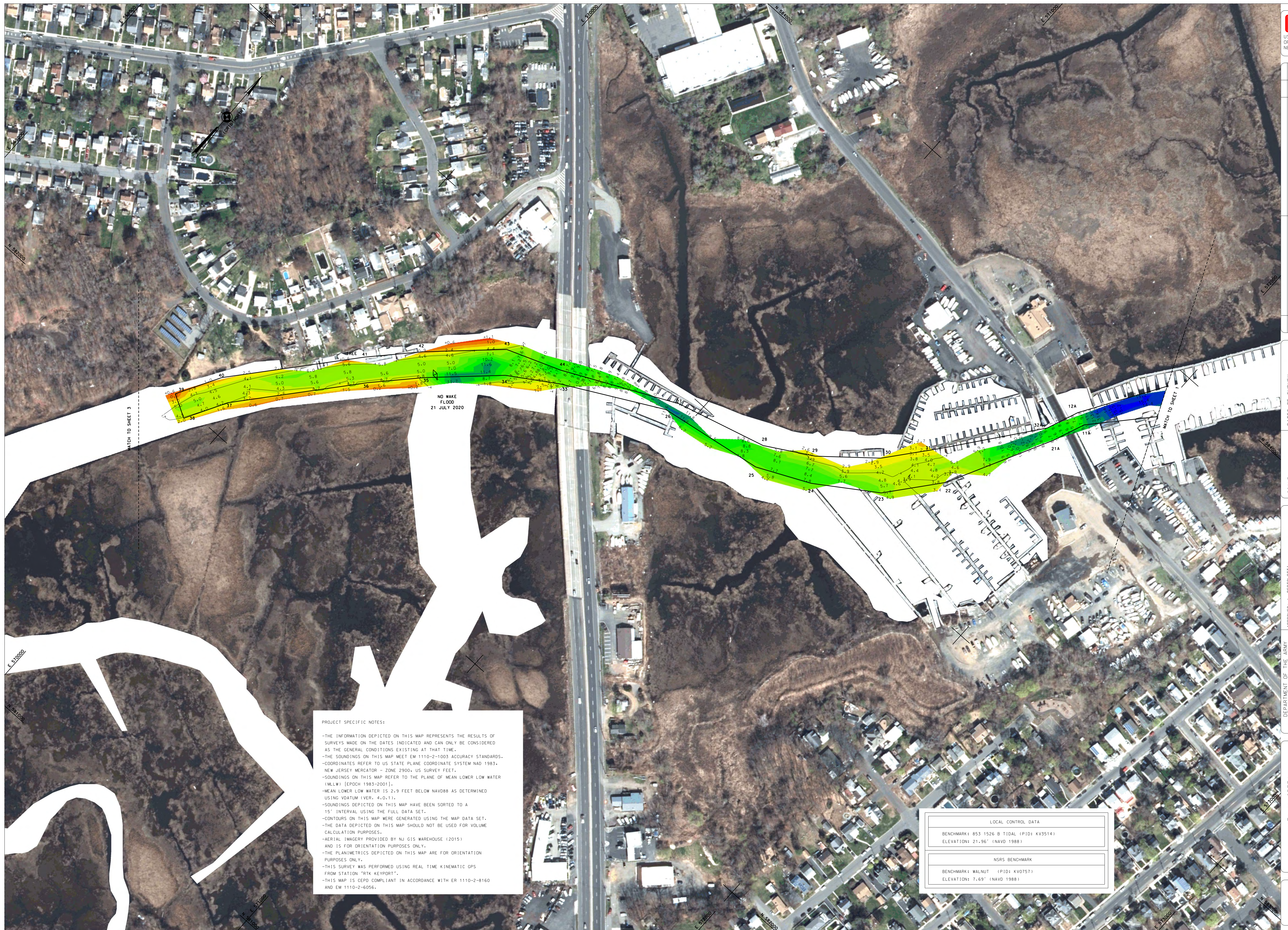
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-5

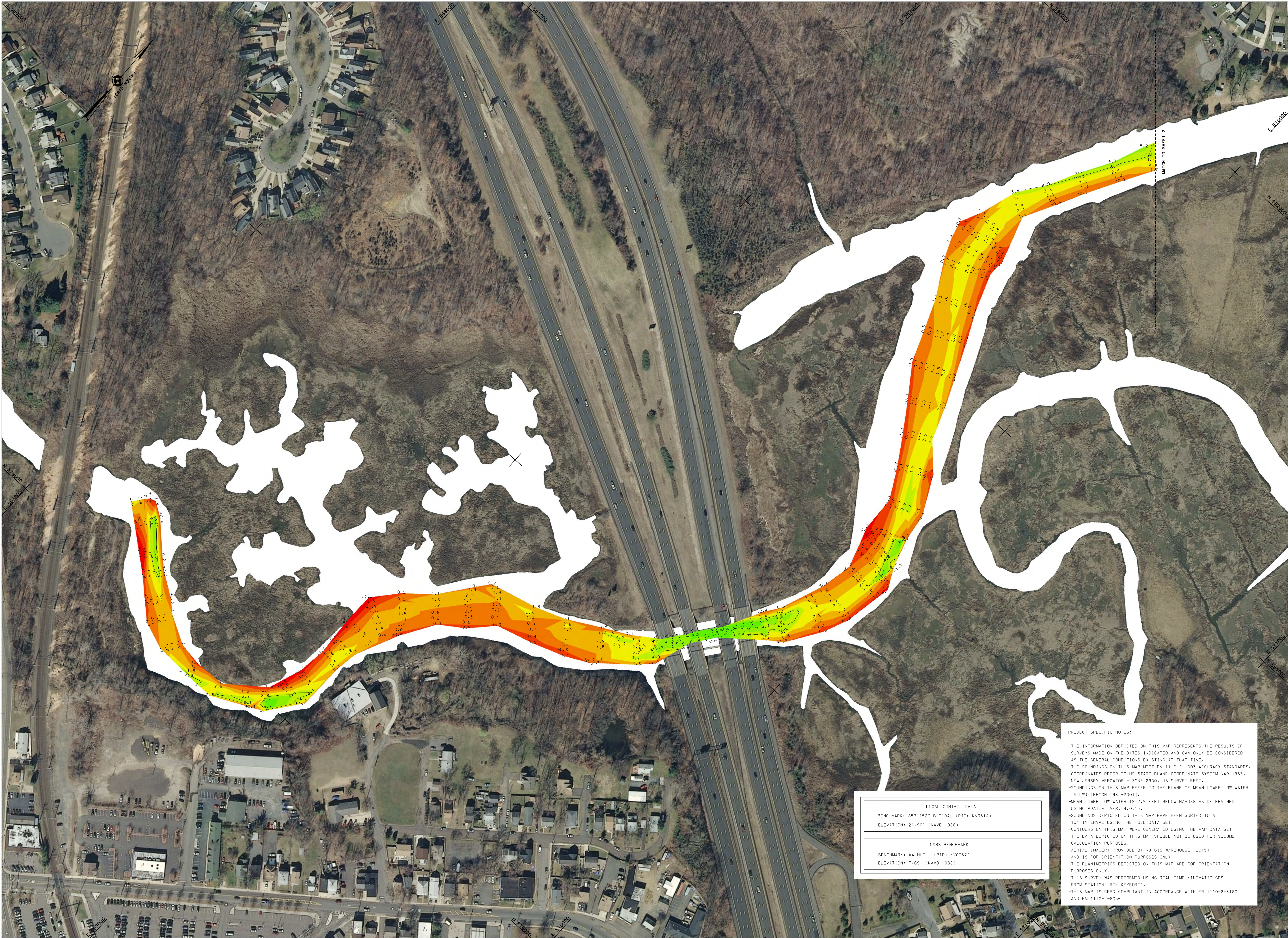
MATAWAN CREEK
MATAWAN NEW JERSEY
CONDITION SURVEY

VH-102

SHEET 2 OF 3

REQ NO./FILE NO.: 4964/AL





LOCAL CONTROL DATA	
BENCHMARK: 853 1526 B TIDAL (PID: KV3514)	
ELEVATION: 21.96' (NAVD 1988)	

NSRS BENCHMARK	
BENCHMARK: WALNUT (PID: KV0757)	
ELEVATION: 7.69' (NAVD 1988)	

PROJECT SPECIFIC NOTES:

- THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME.
- THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
- COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, NEW JERSEY MERCATOR - ZONE 2900, US SURVEY FEET.
- SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPOCH 1983-2001].
- MEAN LOWER LOW WATER IS 2.9 FEET BELOW NAVD88 AS DETERMINED USING DATUM (VER. 4.0.1).
- SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 15' INTERVAL USING THE FULL DATA SET.
- CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGERY PROVIDED BY NJ GIS WAREHOUSE (2015) AND IS FOR ORIENTATION PURPOSES ONLY.
- THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "RTK KEYPORT".
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATE: 23 JUL 2023	APPROVED: J. BERTOLDI DISTRICT ENGINEER	APPROVED: J. BERTOLDI DISTRICT ENGINEER	APPROVED: J. BERTOLDI DISTRICT ENGINEER
DATE: 23 JUL 2023	APPROVED: M. EORTE DISTRICT ENGINEER	APPROVED: M. EORTE DISTRICT ENGINEER	APPROVED: M. EORTE DISTRICT ENGINEER
DATE: 23 JUL 2023	APPROVED: P. BISHOP DISTRICT ENGINEER	APPROVED: P. BISHOP DISTRICT ENGINEER	APPROVED: P. BISHOP DISTRICT ENGINEER
DATE: 23 JUL 2023	APPROVED: J. ARIZ DISTRICT ENGINEER	APPROVED: J. ARIZ DISTRICT ENGINEER	APPROVED: J. ARIZ DISTRICT ENGINEER

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SACRAMENTO
SCENARIOS-OP-5

MATWAN CREEK
MATWAN NEW JERSEY

CONDITION SURVEY

VH-103

SHEET 3 OF 3

REG.NO./FILE NO.: 4964/AL