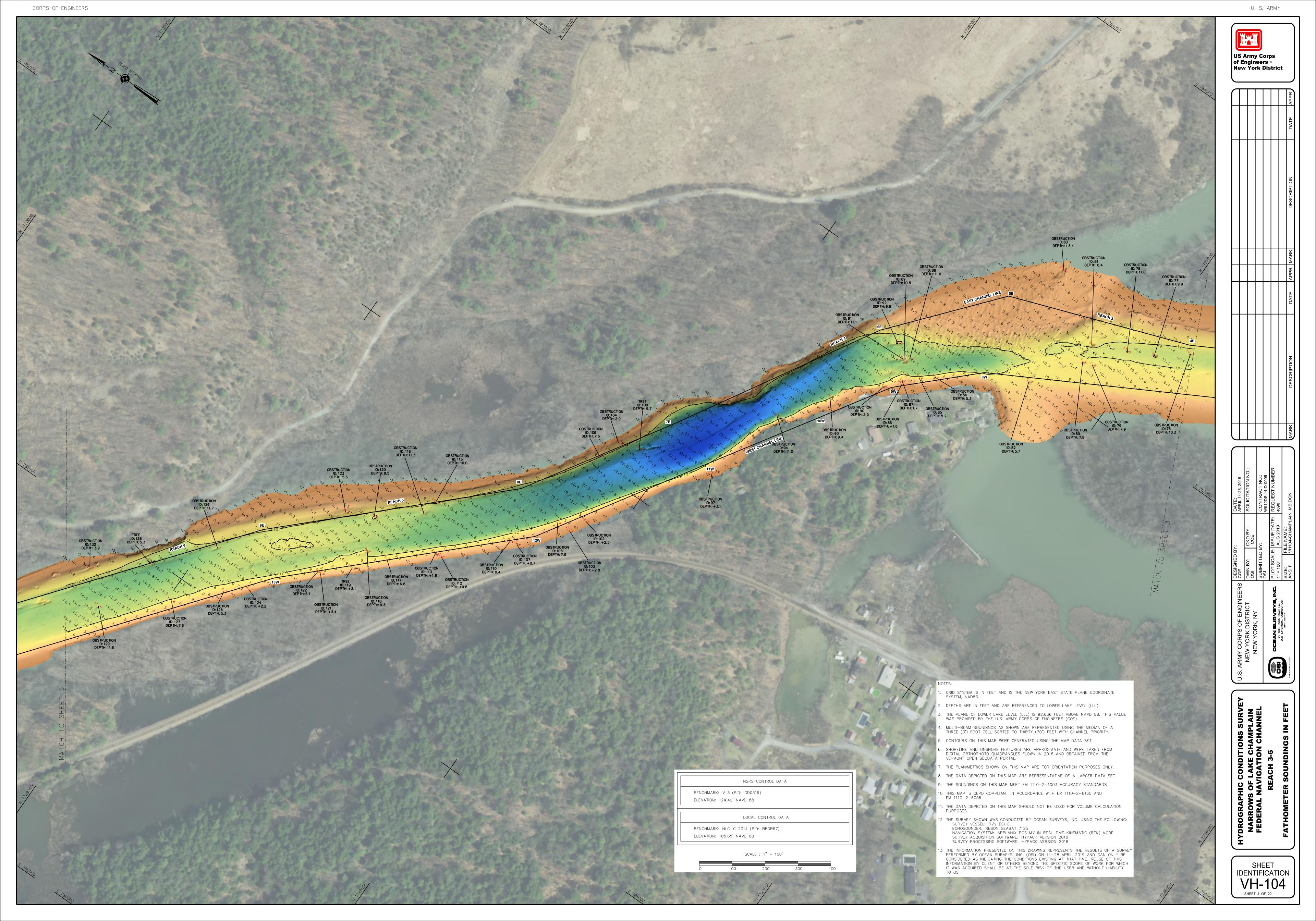
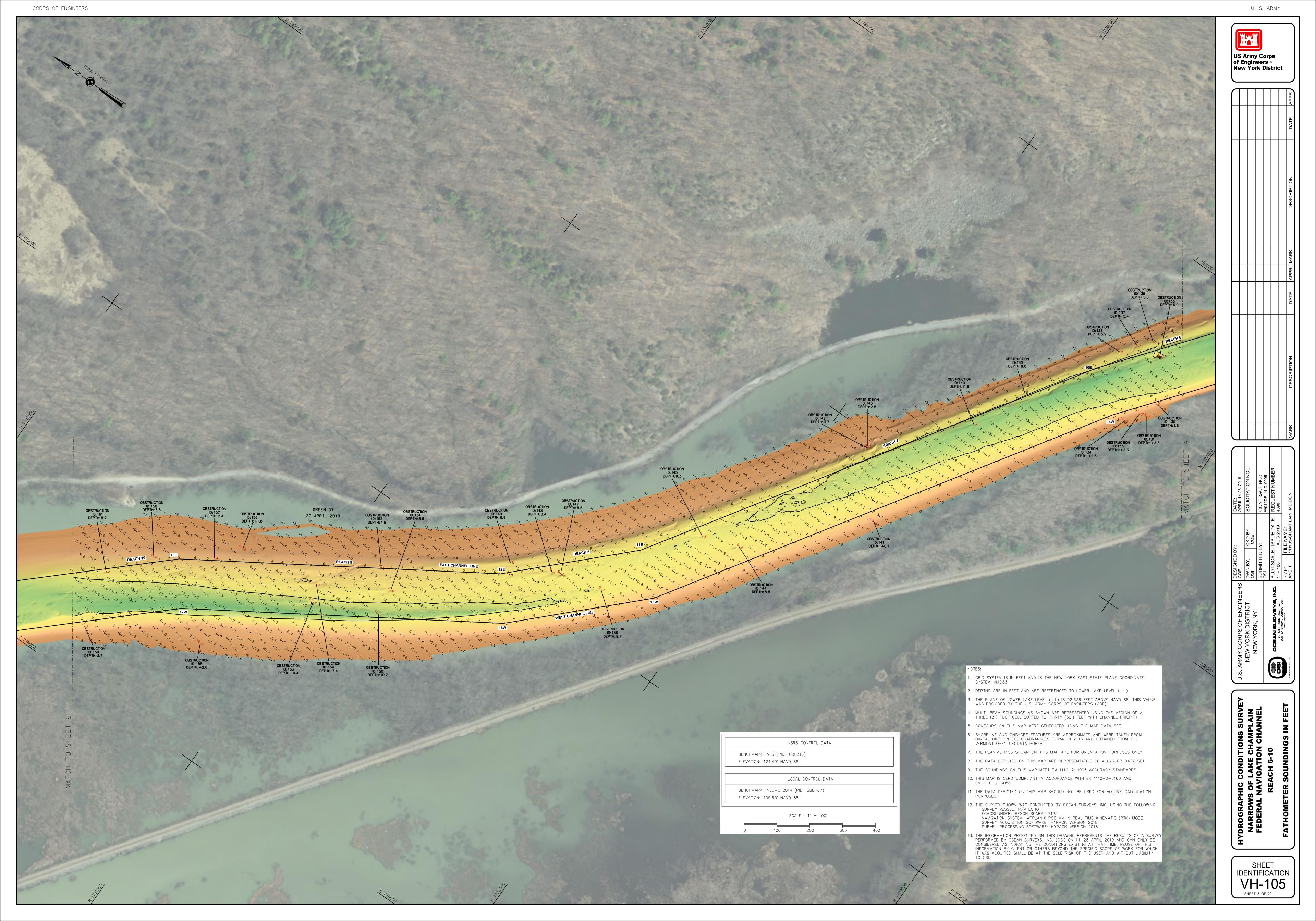
CORPS OF ENGINEERS U. S. ARMY US Army Corps of Engineers ® New York District CHANNEL COORDINATES (NAD 83) STATION EASTING NAME (X) 1759622.612 1760633.182 1760568.461 777592.461
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CORPS OF ENGINEERS U. S. ARMY US Army Corps of Engineers ⊗ New York District SHEET 21 SHEET 17 SHEET 16 SHEET 15 CHANNEL COORDINATES (NAD 83) STATION EASTING NAME (X) NORTHING (Y) 1760568.461 1723448.649 1765131.954 1765432.601 1727439.889 1766568.438 1766860.087 776935.818 778451.841 776222.695 778557.948 775979.610 778569.148 775872.986 778478.480 775854.380 778143.342 775906.756 777330.571 1728884.012 1771936.441 1772371.574 776010.210 775983.571 776185.774 775577.724 776577.724 776379.790 776687.804 776691.979 776862.249 777189.203 777345.370 777903.372 777991.617 778195.810 778307.011 778441.157 778567.319 778634.434 778769.559 778998.603 779143.681 779093.566 779242.591 779118.852 779267.889 779313.340 1772984.554 1731294.028 1732934.813 1773638.905 1776242.214 1774018.416 1778810.831 1774954.079 GRID SYSTEM IS IN FEET AND IS THE NEW YORK EAST STATE PLANE COORDINATE SYSTEM, NAD83. 1782867.877 . DEPTHS ARE IN FEET AND ARE REFERENCED TO LOWER LAKE LEVEL (LLL). 790866.273 1778888.568 1784558.253 THE PLANE OF LOWER LAKE LEVEL (LLL) IS 92.636 FEET ABOVE NAVD 88. THIS VALUE WAS PROVIDED BY THE U.S. ARMY CORPS OF ENGINEERS (COE). 4. MULTI-BEAM SOUNDINGS AS SHOWN ARE REPRESENTED USING THE MEDIAN OF A THREE (3') FOOT CELL SORTED TO THIRTY (30') FEET WITH CHANNEL PRIORITY. 1758934.974 1758913.276 1783859.893 1734820.683 1784230.974 1784556.949 CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET. S. SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE VERMONT OPEN GEODATA PORTAL. . THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. 8. THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET. NSRS CONTROL DATA 3. THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS. O. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND BENCHMARK: V 3 (PID: OD0316) EM 1110-2-6056. ELEVATION: 124.49' NAVD 88 THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION 12. THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING: LOCAL CONTROL DATA SURVEY VESSEL: R/V ECHO ECHOSOUNDER: RESON SEABAT 7125 BENCHMARK: NLC-C 2014 (PID: BBDR67) NAVIGATION SYSTEM: APPLANIX POS MV IN REAL TIME KINEMATIC (RTK) MODE SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2018 ELEVATION: 105.65' NAVD 88 SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018 13. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 14-28 APRIL 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME. REUSE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH SCALE : 1" = 1000'IDENTIFICATION IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY SHEET 2 OF 22

U.S. ARMY CORPS OF ENGINEERS US Army Corps of Engineers ® New York District OBSTRUCTION
ID:51
DEPTH:7.0 OBSTRUCTION
ID:50
DEPTH:7.1 OBSTRUCTION
ID: 48
DEPTH: 3.6 OBSTRUCTION ID: 20 GRID SYSTEM IS IN FEET AND IS THE NEW YORK EAST STATE PLANE COORDINATE DEPTHS ARE IN FEET AND ARE REFERENCED TO LOWER LAKE LEVEL (LLL). THE PLANE OF LOWER LAKE LEVEL (LLL) IS 92.636 FEET ABOVE NAVD 88. THIS VALUE WAS PROVIDED BY THE U.S. ARMY CORPS OF ENGINEERS (COE). MULTI-BEAM SOUNDINGS AS SHOWN ARE REPRESENTED USING THE MEDIAN OF A THREE (3') FOOT CELL SORTED TO THIRTY (30') FEET WITH CHANNEL PRIORITY. CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET. . SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE VERMONT OPEN GEODATA PORTAL. THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET. THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS. NSRS CONTROL DATA O. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056. BENCHMARK: V 3 (PID: OD0316) ELEVATION: 124.49' NAVD 88 THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION 2. THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING: LOCAL CONTROL DATA ECHOSOUNDER: RESON SEABAT 7125

NAVIGATION SYSTEM: APPLANIX POS MV IN REAL TIME KINEMATIC (RTK) MODE SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2018
SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018 BENCHMARK: NLC-C 2014 (PID: BBDR67) ELEVATION: 105.65' NAVD 88 3. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 14-28 APRIL 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME. REUSE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY SCALE : 1" = 100'IDENTIFICATION





CORPS OF ENGINEERS U.S. ARMY US Army Corps of Engineers ⊗ New York District GRID SYSTEM IS IN FEET AND IS THE NEW YORK EAST STATE PLANE COORDINATE SYSTEM, NAD83. 2. DEPTHS ARE IN FEET AND ARE REFERENCED TO LOWER LAKE LEVEL (LLL). THE PLANE OF LOWER LAKE LEVEL (LLL) IS 92.636 FEET ABOVE NAVD 88. THIS VALUE WAS PROVIDED BY THE U.S. ARMY CORPS OF ENGINEERS (COE). MULTI-BEAM SOUNDINGS AS SHOWN ARE REPRESENTED USING THE MEDIAN OF A THREE (3') FOOT CELL SORTED TO THIRTY (30') FEET WITH CHANNEL PRIORITY. CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET. SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE VERMONT OPEN GEODATA PORTAL. THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. . THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET. NSRS CONTROL DATA . THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS. BENCHMARK: V 3 (PID: OD0316) 10. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056. ELEVATION: 124.49' NAVD 88 11. THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES. 12. THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING:
SURVEY VESSEL: R/V ECHO
ECHOSOUNDER: RESON SEABAT 7125
NAVIGATION SYSTEM: APPLANIX POS MV IN REAL TIME KINEMATIC (RTK) MODE
SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2018
SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018 BENCHMARK: NLC-C 2014 (PID: BBDR67) ELEVATION: 105.65' NAVD 88 13. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 14-28 APRIL 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME. REUSE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY TO OSI. SCALE : 1" = 100'SHEET IDENTIFICATION SHEET 6 OF 22

CORPS OF ENGINEERS of Engineers ® New York District GRID SYSTEM IS IN FEET AND IS THE NEW YORK EAST STATE PLANE COORDINATE SYSTEM, NAD83. DEPTHS ARE IN FEET AND ARE REFERENCED TO LOWER LAKE LEVEL (LLL). THE PLANE OF LOWER LAKE LEVEL (LLL) IS 92.636 FEET ABOVE NAVD 88. THIS VALUE WAS PROVIDED BY THE U.S. ARMY CORPS OF ENGINEERS (COE). MULTI-BEAM SOUNDINGS AS SHOWN ARE REPRESENTED USING THE MEDIAN OF A THREE (3') FOOT CELL SORTED TO THIRTY (30') FEET WITH CHANNEL PRIORITY. CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET. NSRS CONTROL DATA SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE BENCHMARK: V 3 (PID: OD0316) VERMONT OPEN GEODATA PORTAL. ELEVATION: 124.49' NAVD 88 THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET. LOCAL CONTROL DATA . THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS. BENCHMARK: NLC-C 2014 (PID: BBDR67) O. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056. ELEVATION: 105.65' NAVD 88 . THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION SCALE : 1" = 100'THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING: SURVEY VESSEL: R/V ECHO ECHOSOUNDER: RESON SEABAT 7125 NAVIGATION SYSTEM: APPLANIX POS MV IN REAL TIME KINEMATIC (RTK) MODE SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2018 SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018 3. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 14-28 APRIL 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME. REUSE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY **IDENTIFICATION** TO OSI. SHEET 7 OF 22

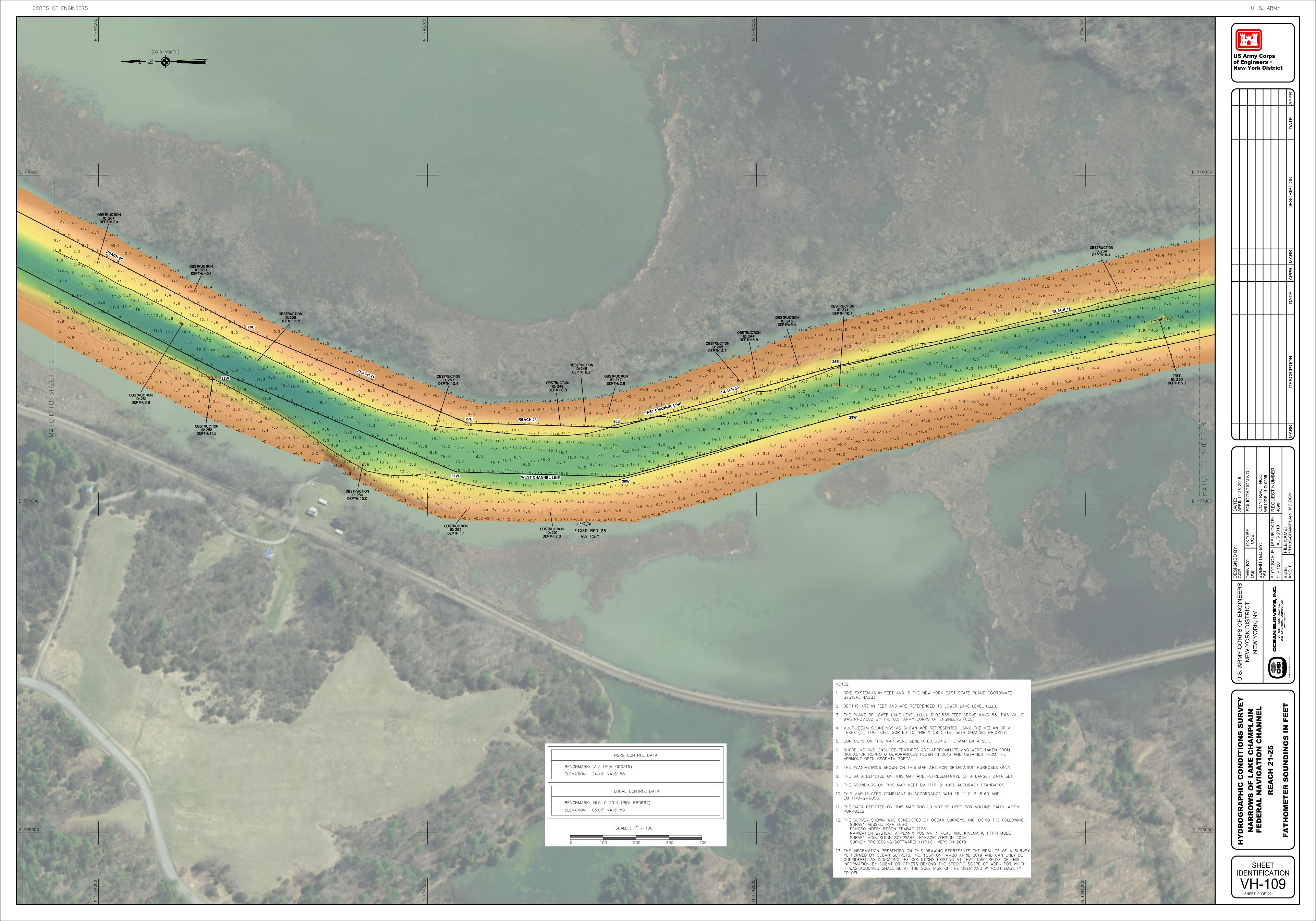
CORPS OF ENGINEERS U.S. ARMY **US Army Corps** of Engineers ® **New York District** +1.6 +1.4 +1.3 +1.3 +1.4 +1.5 +1.5 +1.5 +1.7 +1.8 +1.7 +1.6 +1.5 +1.6 +1.8 +2.2 +2.5 +1.6 +1.8 +2.2 +2.5 +1.6 +1.8 +1.7 +1.8 +1.7 + 7.1 8.3 10.9

4.6 5.5 8.6

2.7 6.0 8.8 10.9

1.2 3.0 6.9 10.4 11.8 12 13.7

RUCTION 1.3 3.8 6.6 7.9 10.1 10.2 11.1 11 1.6 5.5 8.8 11.4 1.4 2.5 6.1 8.9 9.3 11.6 10.8 14.2 14.6 14.6 0.9 2.3 6.8 10.7 +0.2 0.6 2.2 7.1 10.4 9.7 12.7 TION +0.4 0.5 2.2 6.4 9.7 12 +0.6 0.1 1.4 5.0 9.0 +0.8 +0.2 1.6 3.3 +0.8 +0.2 0.0 1.5 GRID SYSTEM IS IN FEET AND IS THE NEW YORK EAST STATE PLANE COORDINATE . DEPTHS ARE IN FEET AND ARE REFERENCED TO LOWER LAKE LEVEL (LLL). THE PLANE OF LOWER LAKE LEVEL (LLL) IS 92.636 FEET ABOVE NAVD 88. THIS VALUE WAS PROVIDED BY THE U.S. ARMY CORPS OF ENGINEERS (COE). . MULTI-BEAM SOUNDINGS AS SHOWN ARE REPRESENTED USING THE MEDIAN OF A THREE (3') FOOT CELL SORTED TO THIRTY (30') FEET WITH CHANNEL PRIORITY. CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET. . SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE VERMONT OPEN GEODATA PORTAL. NSRS CONTROL DATA THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. BENCHMARK: V 3 (PID: OD0316) . THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET. ELEVATION: 124.49' NAVD 88 THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.). THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056. LOCAL CONTROL DATA . THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION BENCHMARK: NLC-C 2014 (PID: BBDR67) ELEVATION: 105.65' NAVD 88 THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING: SURVEY VESSEL: R/V ECHO NAVIGATION SYSTEM: APPLANIX POS MV IN REAL TIME KINEMATIC (RTK) MODE SCALE : 1" = 100'SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2018 SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018 3. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 14-28 APRIL 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME. REUSE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY **IDENTIFICATION** SHEET 8 OF 22

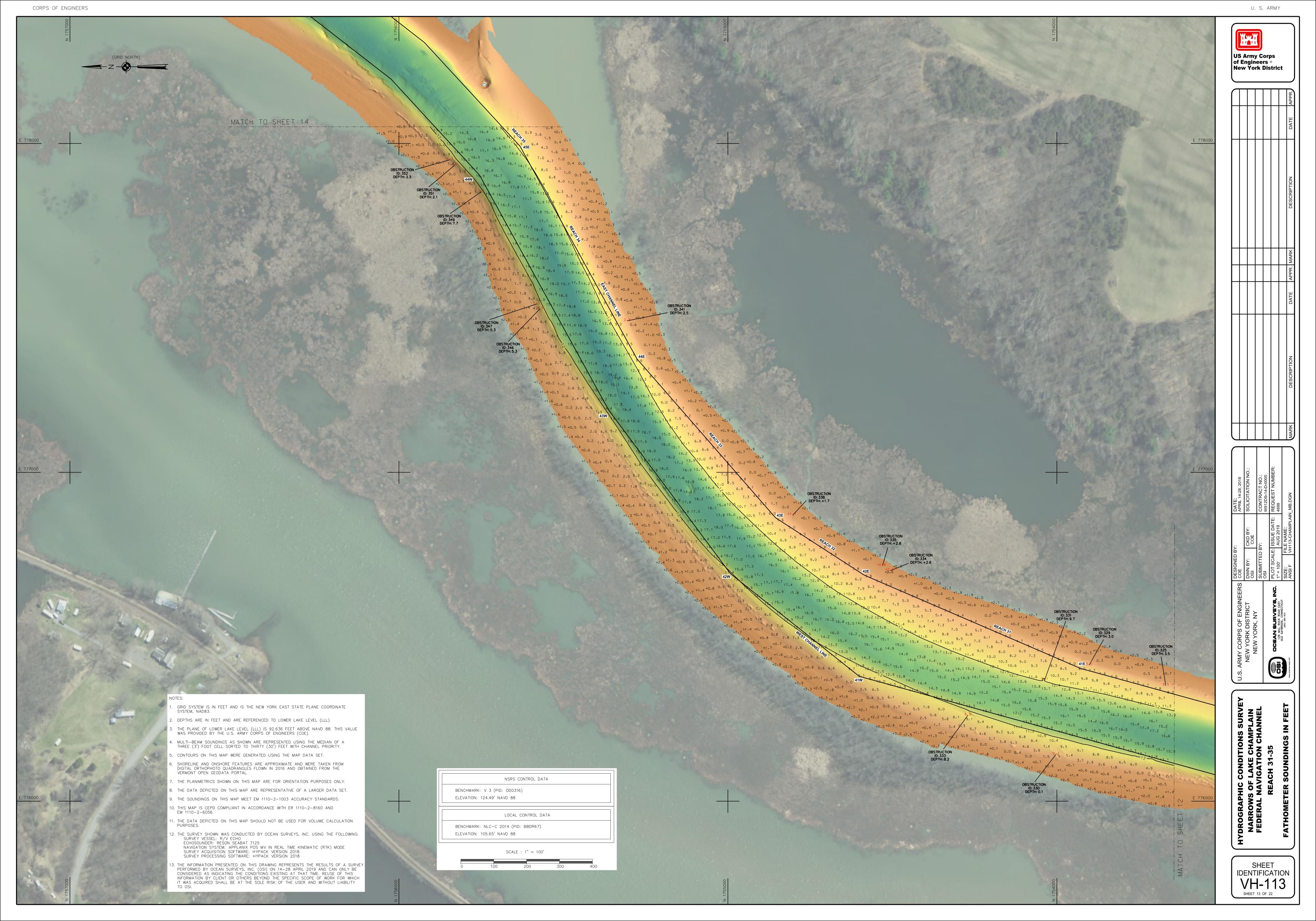


CORPS OF ENGINEERS U. S. ARMY of Engineers ® New York District 16.7_{16.6} 15.2 12. 0.8 +0.5 +1.6 GREEN 27 GRID SYSTEM IS IN FEET AND IS THE NEW YORK EAST STATE PLANE COORDINATE . DEPTHS ARE IN FEET AND ARE REFERENCED TO LOWER LAKE LEVEL (LLL). THE PLANE OF LOWER LAKE LEVEL (LLL) IS 92.636 FEET ABOVE NAVD 88. THIS VALUE WAS PROVIDED BY THE U.S. ARMY CORPS OF ENGINEERS (COE). . MULTI-BEAM SOUNDINGS AS SHOWN ARE REPRESENTED USING THE MEDIAN OF A THREE (3') FOOT CELL SORTED TO THIRTY (30') FEET WITH CHANNEL PRIORITY. NSRS CONTROL DATA . CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET. BENCHMARK: V 3 (PID: OD0316) SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE ELEVATION: 124.49' NAVD 88 VERMONT OPEN GEODATA PORTAL. THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. LOCAL CONTROL DATA THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET. BENCHMARK: NLC-C 2014 (PID: BBDR67) THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS. ELEVATION: 105.65' NAVD 88 D. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND SCALE : 1" = 100'I. THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING: SURVEY VESSEL: R/V ECHO ECHOSOUNDER: RESON SEABAT 7125

NAVIGATION SYSTEM: APPLANIX POS MV IN REAL TIME KINEMATIC (RTK) MODE SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2018
SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018 3. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 14-28 APRIL 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME. REUSE OF THIS SHEET INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY IDENTIFICATION SHEET 10 OF 22

CORPS OF ENGINEERS GRID SYSTEM IS IN FEET AND IS THE NEW YORK EAST STATE PLANE COORDINATE DEPTHS ARE IN FEET AND ARE REFERENCED TO LOWER LAKE LEVEL (LLL). . THE PLANE OF LOWER LAKE LEVEL (LLL) IS 92.636 FEET ABOVE NAVD 88. THIS VALUE WAS PROVIDED BY THE U.S. ARMY CORPS OF ENGINEERS (COE). MULTI-BEAM SOUNDINGS AS SHOWN ARE REPRESENTED USING THE MEDIAN OF A THREE (3') FOOT CELL SORTED TO THIRTY (30') FEET WITH CHANNEL PRIORITY. CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET. SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE VERMONT OPEN GEODATA PORTAL. NSRS CONTROL DATA . THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. 8. THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET. BENCHMARK: V 3 (PID: OD0316) ELEVATION: 124.49' NAVD 88 9. THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS. O. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056. LOCAL CONTROL DATA 1. THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION BENCHMARK: NLC-C 2014 (PID: BBDR67) 2. THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING: SURVEY VESSEL: R/V ECHO ELEVATION: 105.65' NAVD 88 ECHOSOUNDER: RESON SEABAT 7125 NAVIGATION SYSTEM: APPLANIX POS MV IN REAL TIME KINEMATIC (RTK) MODE SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2018 SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018 SCALE : 1" = 100'3. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 14-28 APRIL 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME. REUSE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY IDENTIFICATION VH-111

CORPS OF ENGINEERS U. S. ARMY US Army Corps of Engineers ® New York District DEPIH: +U.5 +2.1 +2.4 + .8 +3.0 +3.0 +3.3 +2.8 +2.8 +2.4 +2.6 +0.4 +0.6 +1.1 +1.5 +2.0 +1.9 +2.0 +2.1 +2.6 +2.5 +2.3 GRID SYSTEM IS IN FEET AND IS THE NEW YORK EAST STATE PLANE COORDINATE SYSTEM, NAD83. DEPTHS ARE IN FEET AND ARE REFERENCED TO LOWER LAKE LEVEL (LLL). THE PLANE OF LOWER LAKE LEVEL (LLL) IS 92.636 FEET ABOVE NAVD 88. THIS VALUE +2.4 +0.9 WAS PROVIDED BY THE U.S. ARMY CORPS OF ENGINEERS (COE). MULTI-BEAM SOUNDINGS AS SHOWN ARE REPRESENTED USING THE MEDIAN OF A THREE (3') FOOT CELL SORTED TO THIRTY (30') FEET WITH CHANNEL PRIORITY. FIXED RED 22 W/LIGHT 1.2 +2.0 OBSTRUCTION ID: 308 DEPTH: +0.6 CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET. . SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE VERMONT OPEN GEODATA PORTAL. NSRS CONTROL DATA THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. BENCHMARK: V 3 (PID: OD0316) 3. THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET. ELEVATION: 124.49' NAVD 88 . THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS. D. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND LOCAL CONTROL DATA EM 1110-2-6056. BENCHMARK: NLC-C 2014 (PID: BBDR67) THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION ELEVATION: 105.65' NAVD 88 2. THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING: SURVEY VESSEL: R/V ECHO ECHOSOUNDER: RESON SEABAT 7125 SCALE : 1" = 100"NAVIGATION SYSTEM: APPLANIX POS MV IN REAL TIME KINEMATIC (RTK) MODE SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2018 SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018 S. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 14-28 APRIL 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITION'S EXISTING AT THAT TIME. REUSE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY **IDENTIFICATION**



CORPS OF ENGINEERS U.S.ARMY US Army Corps of Engineers ® New York District DEPTH: +2.0

OBSTRUCTION

ID: 377

DEPTH: +2.0

DEPTH: +2.0

OBSTRUCTION

ID: 377

DEPTH: 6.7

DEPTH: +2.0

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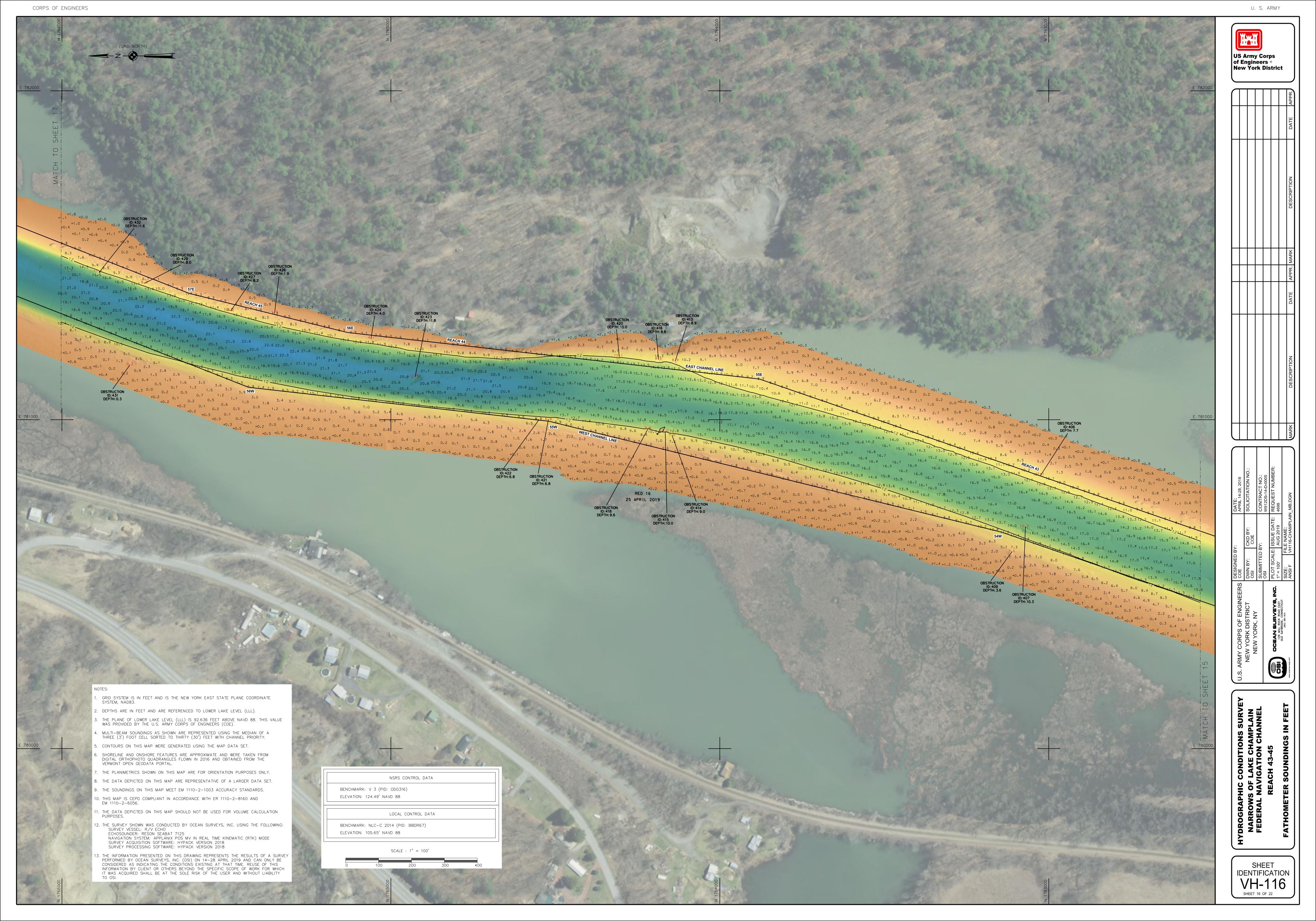
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CORPS OF ENGINEERS US Army Corps of Engineers ® New York District GREEN 17 27 APRIL 2019 13.6 13.8 14.4 12.0 13.1 13.8 12.8 13.7 14.3 8 13.0 13.4 14.5 13.5 14.8 GRID SYSTEM IS IN FEET AND IS THE NEW YORK EAST STATE PLANE COORDINATE SYSTEM, NAD83. . DEPTHS ARE IN FEET AND ARE REFERENCED TO LOWER LAKE LEVEL (LLL). THE PLANE OF LOWER LAKE LEVEL (LLL) IS 92.636 FEET ABOVE NAVD 88. THIS VALUE WAS PROVIDED BY THE U.S. ARMY CORPS OF ENGINEERS (COE). MULTI-BEAM SOUNDINGS AS SHOWN ARE REPRESENTED USING THE MEDIAN OF A THREE (3') FOOT CELL SORTED TO THIRTY (30') FEET WITH CHANNEL PRIORITY. CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET. SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE VERMONT OPEN GEODATA PORTAL. NSRS CONTROL DATA THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. BENCHMARK: V 3 (PID: OD0316) B. THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET. ELEVATION: 124.49' NAVD 88 THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS. D. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND LOCAL CONTROL DATA EM 1110-2-6056. . THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION BENCHMARK: NLC-C 2014 (PID: BBDR67) ELEVATION: 105.65' NAVD 88 12. THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING: SURVEY VESSEL: R/V ECHO ECHOSOUNDER: RESON SEABAT 7125 NAVIGATION SYSTEM: APPLANIX POS MV IN REAL TIME KINEMATIC (RTK) MODE SCALE : 1" = 100'SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2018 SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018 . THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 14-28 APRIL 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITION'S EXISTING AT THAT TIME. REUSE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY IDENTIFICATION



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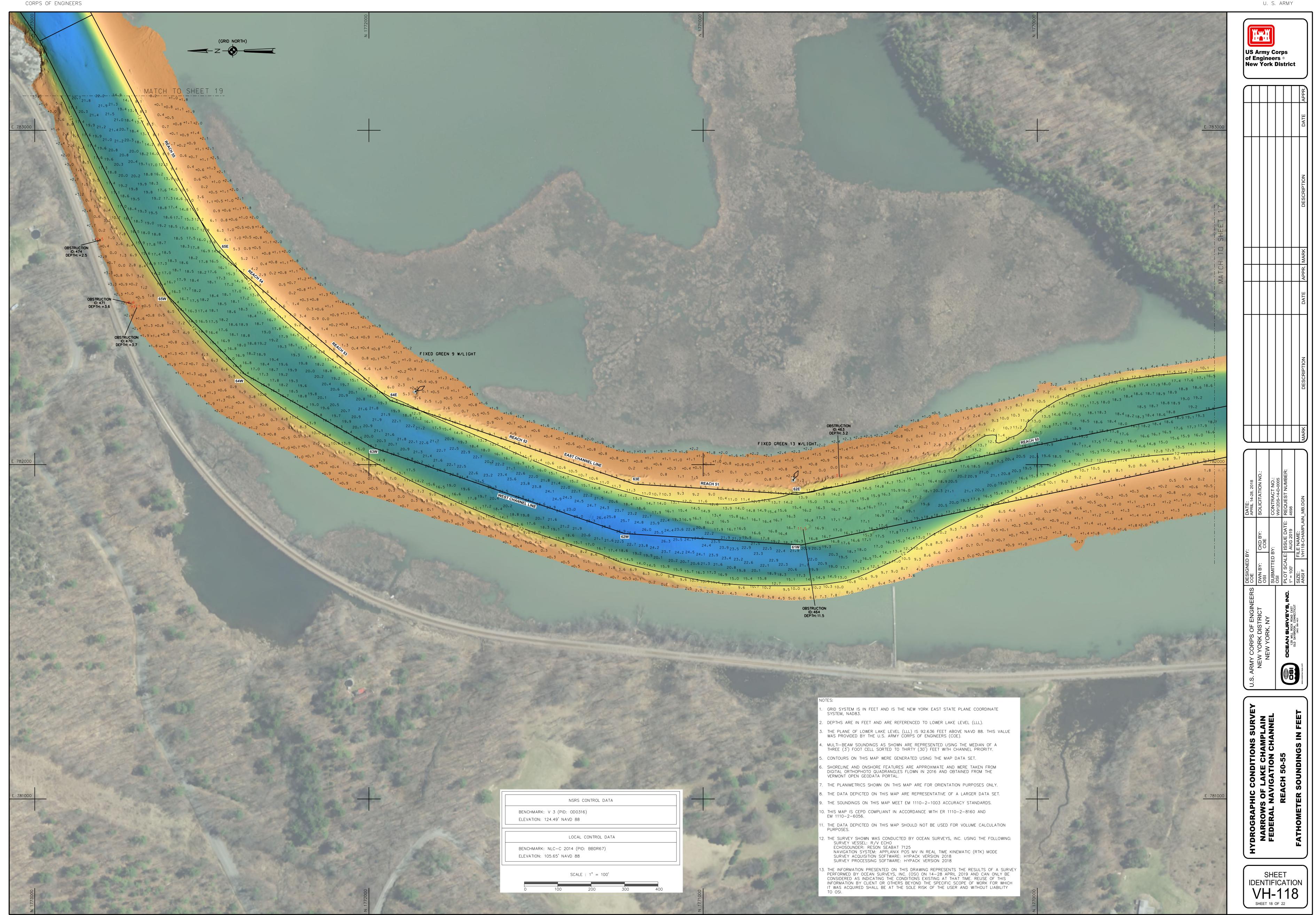
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10.5 GRID SYSTEM IS IN FEET AND IS THE NEW YORK EAST STATE PLANE COORDINATE DEPTHS ARE IN FEET AND ARE REFERENCED TO LOWER LAKE LEVEL (LLL). THE PLANE OF LOWER LAKE LEVEL (LLL) IS 92.636 FEET ABOVE NAVD 88. THIS VALUE WAS PROVIDED BY THE U.S. ARMY CORPS OF ENGINEERS (COE). MULTI-BEAM SOUNDINGS AS SHOWN ARE REPRESENTED USING THE MEDIAN OF A THREE (3') FOOT CELL SORTED TO THIRTY (30') FEET WITH CHANNEL PRIORITY. CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET. SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE VERMONT OPEN GEODATA PORTAL. THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET. NSRS CONTROL DATA THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS. . THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND BENCHMARK: V 3 (PID: OD0316) ELEVATION: 124.49' NAVD 88 THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING: LOCAL CONTROL DATA SURVEY VESSEL: R/V ECHO ECHOSOUNDER: RESON SEABAT 7125 BENCHMARK: NLC-C 2014 (PID: BBDR67) NAVIGATION SYSTEM: APPLANIX POS MV IN REAL TIME KINEMATIC (RTK) MODE SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2018 ELEVATION: 105.65' NAVD 88 SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018 3. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 14-28 APRIL 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME. REUSE OF THIS SCALE : 1" = 100'INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH **IDENTIFICATION** IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY



CORPS OF ENGINEERS U. S. ARMY US Army Corps of Engineers ® New York District +0.8 +0.3 0.1 FIXED RED 6 W/LIGHT +1.1 7 25 APRIL 2019 GRID SYSTEM IS IN FEET AND IS THE NEW YORK EAST STATE PLANE COORDINATE SYSTEM, NAD83. DEPTHS ARE IN FEET AND ARE REFERENCED TO LOWER LAKE LEVEL (LLL). THE PLANE OF LOWER LAKE LEVEL (LLL) IS 92.636 FEET ABOVE NAVD 88. THIS VALUE WAS PROVIDED BY THE U.S. ARMY CORPS OF ENGINEERS (COE). MULTI-BEAM SOUNDINGS AS SHOWN ARE REPRESENTED USING THE MEDIAN OF A THREE (3') FOOT CELL SORTED TO THIRTY (30') FEET WITH CHANNEL PRIORITY. NSRS CONTROL DATA CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET. BENCHMARK: V 3 (PID: OD0316) . SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE VERMONT OPEN GEODATA PORTAL. ELEVATION: 124.49' NAVD 88 THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. LOCAL CONTROL DATA THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET. BENCHMARK: NLC-C 2014 (PID: BBDR67) THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS. ELEVATION: 105.65' NAVD 88 O. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056. SCALE : 1" = 100". THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION 12. THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING: MATCH TO SHEET 1 ECHOSOUNDER: RESON SEABAT 7125 NAVIGATION SYSTEM: APPLANIX POS MV IN REAL TIME KINEMATIC (RTK) MODE SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2018 SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018 . THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 14-28 APRIL 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITION'S EXISTING AT THAT TIME. REUSE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY **IDENTIFICATION** SHEET 19 OF 22

CORPS OF ENGINEERS U. S. ARMY US Army Corps of Engineers ⊗ New York District GRID SYSTEM IS IN FEET AND IS THE NEW YORK EAST STATE PLANE COORDINATE SYSTEM, NAD83. DEPTHS ARE IN FEET AND ARE REFERENCED TO LOWER LAKE LEVEL (LLL). . THE PLANE OF LOWER LAKE LEVEL (LLL) IS 92.636 FEET ABOVE NAVD 88. THIS VALUE WAS PROVIDED BY THE U.S. ARMY CORPS OF ENGINEERS (COE). . MULTI-BEAM SOUNDINGS AS SHOWN ARE REPRESENTED USING THE MEDIAN OF A THREE (3') FOOT CELL SORTED TO THIRTY (30') FEET WITH CHANNEL PRIORITY. CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET. . SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE VERMONT OPEN GEODATA PORTAL. THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. NSRS CONTROL DATA THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET. BENCHMARK: V 3 (PID: OD0316) THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS. ELEVATION: 124.49' NAVD 88 O. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND . THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION 2. THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING: BENCHMARK: NLC-C 2014 (PID: BBDR67) SURVEY VESSEL: R/V ECHO ECHOSOUNDER: RESON SEABAT 7125 ELEVATION: 105.65' NAVD 88 NAVIGATION SYSTEM: APPLANIX POS MV IN REAL TIME KINEMATIC (RTK) MODE SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2018
SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018 SCALE : 1" = 100'3. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 14-28 APRIL 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME. REUSE OF THIS IDENTIFICATION INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY SHEET 20 OF 22

VH-121 SHEET 21 OF 22

CORPS OF ENGINEERS New York Distric FIXED GREEN 1 W/LIGHT 9.3 9.3 9.1
9.8 9.7 9.6 9.5 9.1 8.9 8.7 8.4 8.2 8.0 7.7 7.6 7.3 7.1 7.1 6.8 6.6 6.4 6.2 6 0 5.8 5.6 5.5 5.5 5.5 5.4 5.3 2.9 3.3 3.8 5.3 7.8 NOTES: GRID SYSTEM IS IN FEET AND IS THE NEW YORK EAST STATE PLANE COORDINATE . DEPTHS ARE IN FEET AND ARE REFERENCED TO LOWER LAKE LEVEL (LLL). THE PLANE OF LOWER LAKE LEVEL (LLL) IS 92.636 FEET ABOVE NAVD 88. THIS VALUE WAS PROVIDED BY THE U.S. ARMY CORPS OF ENGINEERS (COE). MULTI-BEAM SOUNDINGS AS SHOWN ARE REPRESENTED USING THE MEDIAN OF A THREE (3') FOOT CELL SORTED TO THIRTY (30') FEET WITH CHANNEL PRIORITY. CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET. SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE VERMONT OPEN GEODATA PORTAL. NSRS CONTROL DATA THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. . THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET. BENCHMARK: V 3 (PID: OD0316) ELEVATION: 124.49' NAVD 88 THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS. O. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND LOCAL CONTROL DATA THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION OBSTRUCTION 4.3 4.6 5.2 7.0 9.7 11.4 ID: 543 DEPTH: 11.1 4.3 4.6 5.4 6.9 9.2 THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING: ELEVATION: 105.65' NAVD 88 3.4 2.3 0.9 SURVEY VESSEL: R/V ECHO 1,9 ECHOSOUNDER: REŚON SEABAT 7125 NAVIGATION SYSTEM: APPLANIX POS MV IN REAL TIME KINEMATIC (RTK) MODE SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2018
SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018 MATCH TO SHEET 21 SCALE : 1" = 100'3. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 14-28 APRIL 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME. REUSE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY **IDENTIFICATION** SHEET 22 OF 22