



LEGEND

- 0.0'
- 27.3'
- >27.3'

27.3 ft. PROJECT DEPTH CONTOUR

NOTES:

- THE SOUNDINGS AND ASSOCIATED INFORMATION REPRESENTED HEREIN ARE THE RESULT OF SURVEYS MADE ON THE DATE AS INDICATED AND CAN ONLY BE CONSIDERED REPRESENTATIVE OF THE GENERAL CONDITIONS EXISTING AT THE TIME OF SURVEY.
- THE SOUNDINGS DEPICTED HEREIN ARE EXPRESSED IN U.S. SURVEY FEET AND TENTHS THEREOF AND ARE REFERENCED TO THE FOLLOWING DATUMS:
HORIZONTAL: MICHIGAN STATE PLANE COORDINATE SYSTEM, MICHIGAN NORTH ZONE #2113, NORTH AMERICAN DATUM (NAD) OF 1983.
VERTICLE: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985.
- THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL WHEELER EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: APPLANIX POS-MV4 W/DGPS CORRECTIONS, U.S.C.G. BEACON #838
MOTION COMPENSATION: APPLANIX POS-MV4
SONAR: RZSONIC 2024 (MULTIBEAM TRANSDUCER)
SOFTWARE: HYPACK 2013
- TIDE CORRECTIONS WERE DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WATER LEVEL STATION(S) AS FOLLOWS:
ST. CLAIR POLICE, (#901408) @ ZDR
ALGONAC, MI (#914030) @ 80%
- THE EDITED MULTIBEAM DATA WAS SORTED INTO A 20 FT. BY 20 FT. MATRIX WHERE THE AVERAGE SOUNDING WAS SELECTED FOR PLOTTING AT THE CELL CENTER.

UNITED STATES ARMY CORPS OF ENGINEERS
DETROIT AREA OFFICE, DETROIT, MICHIGAN

CONDITION SURVEY
ST. CLAIR RIVER, MICHIGAN
CS 770+00 TO CS 805+00

DATE OF SURVEY: JULY 26, 2012

SCALE 1" = 100'

SHEET 15 OF 54

