


NOTES:

- 1) 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.
- 2) 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 ZONE #213, NORTH AMERICAN DATUM (NAD) OF 1983.
VERTICLE: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985.
- 3) THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL WHEELER EMPLOYING THE FOLLOWING COMPONENTS:
APPROXIMATE POS - M4V W/DGPS
MOTION COMPENSATION: APPLINX POS-MV4
SONAR: RZSONIC 2024 (MULTIBEAM TRANSDUCER)
SOFTWARE: HYPACK 2013
- 4) TIDE CORRECTION VALUES DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WATER LEVEL STATION(S) AS FOLLOWS:
ST. CLAIR POLICE, MI (#9014000) @ 96%
ALGONAC, MI (#9014070) @ 04%
- 5) 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.

27.3 FT. PROJECT DEPTH CONTOUR

 U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT	UNITED STATES ARMY CORPS OF ENGINEERS DETROIT AREA OFFICE, DETROIT, MICHIGAN	
	CONDITION SURVEY ST. CLAIR RIVER, MICHIGAN CS 1329+50 TO CS 1363+50	
DRAWN BY: A.W.P.	DATE OF SURVEY: JULY 22, 2012	
CHECKED BY: C.V.L.	SCALE 1" = 100'	
SHEET 31 OF 54		