



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 SOUTH ZONE #2113, NORTH AMERICAN DATUM (NAD) OF 1983.
VERTICLE: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985.
- 3) THE ABOVE SURVEY WAS CONDUCTED USING THE U.S. COAST AND GEODETIC SURVEY VESSEL WHEELER EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: APPLIXN POS-MV4 W/ DGPS CORRECTIONS, SURVEY-C.G. BEACON #638
MOTION COMPENSATION: APPLIXN POS-MV4
SONAR: RZSONIC 204A (MULTIBEAM TRANSDUCER)
SOFTWARE: HYPPACK 2012
- 4) TIDE CORRECTION VALUES DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WATER LEVEL STATION(S) AS FOLLOWS:
ST CLAIR SHORES, MI (#9034052) @ 17% ALGONAC, MI (#9014070) @ 63%
- 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.

<p>US ARMY CORPS OF ENGINEERS DETROIT DISTRICT</p> <p>DRAWN BY: A.W.P.</p> <p>CHECKED BY: C.V.L.</p>	<p>UNITED STATES ARMY CORPS OF ENGINEERS DETROIT AREA OFFICE, DETROIT, MICHIGAN</p> <p>CONDITION SURVEY ST. CLAIR RIVER CHANNEL CS 425+00 TO CS 460+00</p>	
	<p>DATE OF SURVEY: APRIL 20, 2013</p>	
	<p>SCALE 1" = 100'</p>	
	<p>SHEET 5 OF 54</p>	