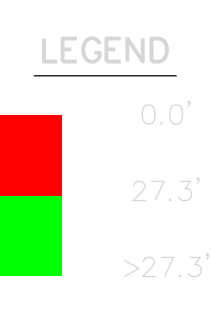
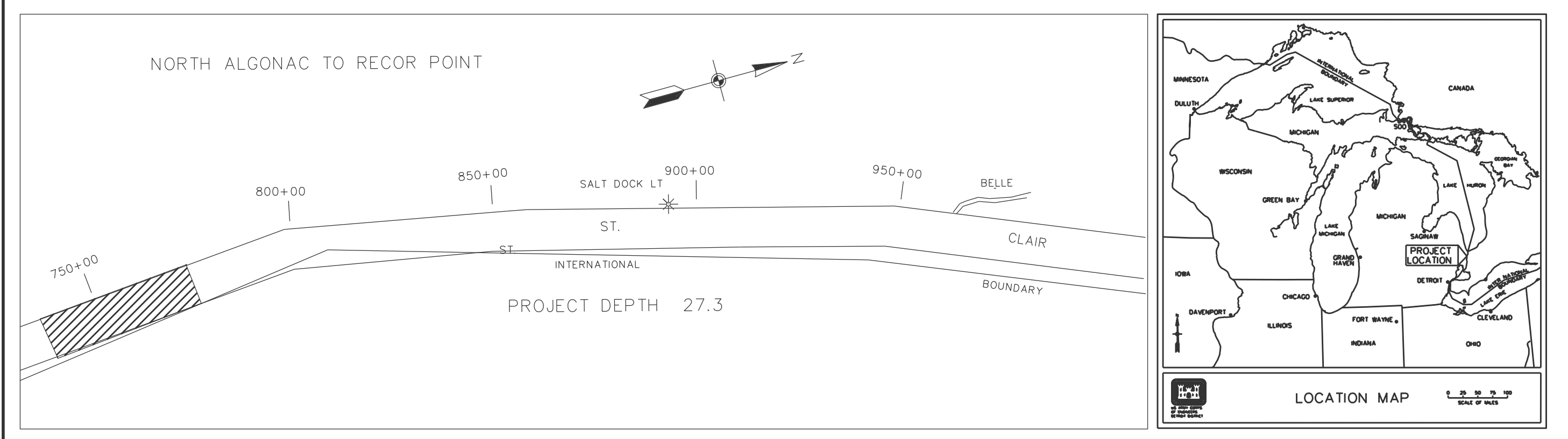


PROJECT DEPTH 27.3'



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 SOUTH ZONE #2113, NORTH AMERICAN DATUM (NAD) OF 1983.
VERTICAL: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985.
- THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL BEACON EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: APPLIXIN POS-MV4 W/DGPS CORRECTIONS, U.S.C.G. BEACON #338
MOTION COMPENSATION: APPLICABLE
SONAR: RZSONIC 4000 (MULTIBeam TRANSDUCER)
SOFTWARE: HYPACK 2013
- TIDE CORRECTION VALUES DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WATER LEVEL STATION(S) AS FOLLOWS:
ST CLAIR POLICE, MI (#9014080) @ 16%
ALGONAC, MI (#9014070) @ 84%
- 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 ST. CLAIR RIVER CHANNEL CS 735+00 TO CS 770+00	
DRAWN BY: A.W.P.	DATE OF SURVEY: JULY 26, 2012	
CHECKED BY: C.V.L.	SCALE 1" = 100'	
SHEET 14 OF 54		