



LEGEND

LOW WATER DATUM
ELEVATIONS AND PROJECT DEPTHS ARE AS SHOWN ON THE SHEET; THEY ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985) AND ARE ELEVATIONS ABOVE MEAN WATER LEVEL AT RIMOUSKI, QUEBEC.

GRID COORDINATES
GRIDS SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTION TABLES, STATE OF MICHIGAN, SOUTH ZONE (1983), LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM.

DIRECTIONS

ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.

PROJECT DEPTHS ARE AS SHOWN ON DRAWING.

THE AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED BY DELTA TECH., PARSIPpany, NJ. ABOARD THE USACE SURVEY VESSEL WHEELER.

AUTOMATED EQUIPMENT USED

POSITIONING: FSS POS-WAY
DATA PROCESSOR: DELL 330 PC
SOFTWARE: HYPACK
PLOTTER: CALJET 2
SONIC SOUNDER: SONAR SEABAT 8125

NOTES

- GAGES USED WERE OBTAINED ELECTRONICALLY FROM NOAA GAGES AT ST. CLAIR (735) AND ALCONAC (275), MICHIGAN, VIA THE INTERNET.
- POSITIONS WERE DETERMINED BY GPS
- DEPTH MEASURED USING SEABAT 8125 ULTRA HIGH RESOLUTION FOCUSED MULTIBEAM ECHOSOUNDER SYSTEM.
- EDITED MULTIBEAM SOUNDINGS WERE SORTED INTO A 37 FT. BY 15 FT. MATRIX. THE SHALLOWEST SOUNDING LOCATED IN EACH CELL OF THE MATRIX WAS SELECTED FOR PLOTTING AT THE CELL CENTER.

LOW WATER DATUM

LOCATION MAP

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U.S. ARMY ENGINEER DISTRICT, DETROIT
CORPS OF ENGINEERS
DETROIT, MICHIGAN

NO. DATE REVISION BY

DESIGNED BY: 21 SEPTEMBER 2006

DRAWN BY: ST. CLAIR RIVER, MICHIGAN

CHECKED BY: CS 1156+50 TO CS 1189+50

REVIEWED BY: MULTI-BEAM SWEEP SURVEY RESULTS

SUBMITTED BY: APPROVAL RECOMMENDED: MINIMUM DEPTH PLOT

APPROVED: CHIEF, CONSTRUCTION - OPERATIONS DIVISION

SCALE AS SHOWN

DRAWING NUMBER: 82650906.dgn

SHEET: 26 OF 54