

MATCH LINE
SHEET 1 OF 7
C.S. 567+00

MATCH LINE
SHEET 7 OF 7
C.S. 603+50

PROJECT DEPTH 27.5 FT.



- NOTES
1. ANGLES USED WERE REFERENCED FROM SAGE BOARD SET ON PILING ON DOCK LOCATED IN THE MOUTH OF ST. CLAIR RIVER IN WADSWORTH COUNTY SHERIFF'S OFFICE.
 2. POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON 859, LOCATED AT FORT WAYNE, DETROIT, MICHIGAN - FREQUENCY 519 MHz, 500 WPM.
 3. TRANSDUCER FREQUENCY USED TO MEASURE DEPTHS DATA WAS 208 KHZ AND THE MEAN ANGLE WAS 5.0 DEGREES.

27.5 FT. CONTOUR

LEGEND

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEY WORK ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THE TIME.

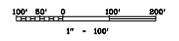
LOW WATER DATUM
ELEVATIONS AND PROJECT DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (IGLD) AT ELEVATION 564.4 FT. ABOVE MEAN WATER LEVEL AT FATHER POINT, QUEBEC.

GRID COORDINATES
GRIDS SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTION TABLES, STATE OF MICHIGAN, NORTH ZONE (1911), LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM.

DIRECTIONS
ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZONE.

PROJECT DEPTHS
PROJECT DEPTHS ARE AS INDICATED ABOVE.

AUTOMATED EQUIPMENT USED
POSITIONINGS: STARLINK DGPS
DATA PROCESSOR: BELL 70
SOFTWARE: CANTAL OCEANOGRAPHICS
PLOTTER: EPL-6000
SONIC SOUNDER: INTERSPACE 448



NO.	DATE	REVISION	BY

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

LAKE ST. CLAIR, MICHIGAN
ST. CLAIR PLATS RANGE
CONDITION SOUNDINGS 28 OCT 1998
C.S. 568+00 TO C.S. 603+00
DETROIT AREA OFFICE

DESIGNED BY: _____
DRAWN BY: _____
CHECKED BY: _____
REVIEWED BY: _____

APPROVAL/RECOMMEND:
CHIEF PROJ./OPS/SECT: _____ CHIEF, DTS BRANCH
APPROVED: _____

SCALE AS SHOWN
DRAWING NUMBER: L529810C
Sheet 2 of 7