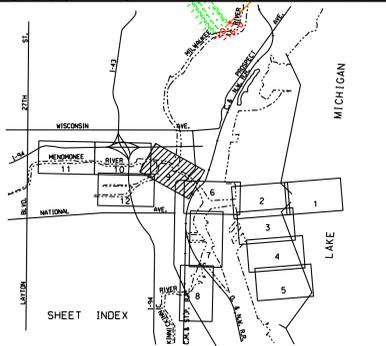
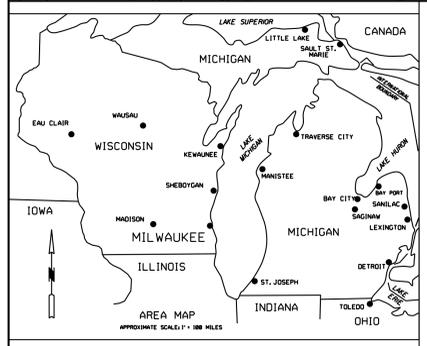


COORDINATE TABLE		
STA.	DESCRIPTION	COORDINATES
		NORTHING EASTING
111	CHANNEL PT.	381874.000 2528351.534
112	DO.	382090.418 2528483.322
113	DO.	382352.012 2527968.899
114	DO.	382346.182 2528172.717
115	DO.	382390.161 2527956.882
116	DO.	382463.159 2528018.485
117	DO.	382474.524 2527974.786
118	DO.	382541.747 2527902.638
119	DO.	382468.375 2527798.579
120	DO.	382496.141 2527871.302
121	DO.	382757.211 2527294.857
122	DO.	382884.068 2527375.151
123	DO.	382780.200 2527495.038
124	DO.	382884.047 2527345.153
125	DO.	382839.632 2527192.351
126	DO.	382954.953 2527233.244
127	DO.	382835.880 2527142.496
128	DO.	383160.652 2526843.376
131	DO.	383254.906 2526893.948
132	DO.	383177.111 2527153.059
133	DO.	383281.210 2526932.358
135	DO.	383714.745 2527024.342
136	DO.	383680.427 2527235.038
301	DO.	383228.037 2526709.376
303	DO.	383300.376 2526515.218
304	DO.	383354.898 2526543.176
305	DO.	383286.061 2526485.857
306	DO.	383416.437 2526477.512
308	DO.	383541.508 2526168.734
309	DO.	383486.960 2525795.569
311	DO.	383454.966 2525109.163
312	DO.	383534.959 2525108.663
313	DO.	383463.185 2525099.611
314	DO.	383528.166 2525098.202
315	DO.	383461.235 2525009.639
316	DO.	383525.998 2524998.233
318	DO.	383532.848 2524990.948
320	DO.	383548.695 2524537.707
321	DO.	383191.010 2524415.556
401	DO.	383349.583 2526044.916
402	DO.	383449.953 2525780.101
403	DO.	383270.020 2525917.519
405	DO.	383176.324 2525866.070
406	DO.	382638.492 2525797.764
407	DO.	382325.388 2525883.896
408	DO.	382420.459 2525650.615
409	DO.	382165.827 2525272.675
410	DO.	382274.914 2525186.093
E	CENTERLINE PT.	381470.497 2528862.715
F	DO.	382332.609 2528128.325
G	DO.	382554.617 2527799.061
H	DO.	382832.124 2527315.095
I	DO.	382897.112 2527212.807
J	DO.	383138.683 2527032.638
K	DO.	383697.586 2527129.690
M	DO.	383138.683 2527032.638
MK	DO.	383207.819 2526848.662
ML	DO.	383501.653 2526066.478
MM	DO.	383500.125 2525915.018
MN	DO.	383495.676 2525098.907
MO	DO.	383493.170 2524983.335
MP	DO.	383228.170 2524400.609
SM	DO.	383500.125 2525819.016
SN	DO.	382412.584 2525842.688
SO	DO.	382203.369 2525293.388



LEGEND

- GPS CONTROL MONUMENT
- BRONZE OR BRASS DISC
- CHANNEL LINE TURNING POINT

THE SURVEY SHOWN WAS CONDUCTED BY THE LAKE MICHIGAN AREA OFFICE, KEWAUNEE SUB OFFICE SURVEY PARTY ON 23 MAY 2012 (551+00-566+00), 24 MAY 2012 (116+00-142+28) AND 29 AUGUST 2012 (339+00-357+00), USING GPS POSITIONING, AN ODOM CV300 SOUNDER AND A HYPACK HYDROGRAPHIC SURVEY SYSTEM.

NOTES:

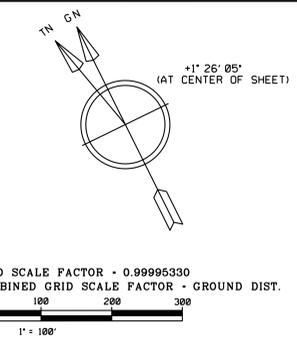
SURVEY CONTROL AND BENCH MARK DATA IS AVAILABLE FROM THE DETROIT DISTRICT, ENGINEERING & TECHNICAL SERVICES, OPERATIONS TECHNICAL SUPPORT BRANCH, LAKE MICHIGAN AREA OFFICE, KEWAUNEE SUB OFFICE.

THE COORDINATE GRID SYSTEM SHOWN IS REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, SOUTH ZONE (4803), NORTH AMERICAN DATUM 1983 (NAD83), US FOOT.

ALL SOUNDINGS ARE IN FEET AND ARE REFERENCED TO LOW WATER DATUM ELEVATION, 577.5 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI, QUEBEC (INTERNATIONAL GREAT LAKES DATUM 1985).

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

PROJECT DEPTH FOR THIS AREA IS 21.0 FEET.



NO.	DATE	REVISION	BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN			
DRAWN BY K. J. K.		REVIEWED BY R. D. M.	
CHECKED BY A. R. M.		REVIEWED BY	
SUBMITTED:		APPROVAL RECOMMENDED:	
CHIEF, LAKE MICHIGAN AREA OFFICE		CHIEF, OPS BRANCH	
DATE		DATE	
APPROVED		SCALE 1" = 100'	
CHIEF, ENGINEERING & TECHNICAL SERVICES		DRAWING NUMBER	
		SHEET 9 OF 12	

K. A. O.
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