



LEGEND

The information depicted on this map represents the results of the surveys made on the areas indicated and can only be considered as indicating the general conditions existing at that time.

LOW WATER DATUM

All depths and project depths are referred to Low Water Datum elevation "AS NOTED" above Mean Water Level at Father Point, Quebec (I.C.L.D.), 1995.

GRID COORDINATES

Grids shown are based on the National Geodetic Survey Projection Tables, State of Michigan, Central Zone (2112), Lambert Projection, 1983 North American Datum, US SURVEY FOOT.

Navigation Buoy

Location of navigation buoys represents that general location on the date of the survey and cannot be considered for navigation.

Project Information

Project Depth - 5.0 Ft.
5.0 Ft. contour shown thus _____

Survey Information

Survey by: Don Henry
Date of Survey: 17 NOVEMBER, 1999
Position system: Starlink DGPS via Coast Guard System
Sonic sounder: Innerspace 468
Transducer: 208 kHz with 5.0 degree beam angle

CHANNEL LINE T.P.		
T.P.	EAST	NORTH
231	19,577,412.80	774,679.80
223	19,577,461.80	774,140.30
224	19,577,384.30	774,676.60
225	19,577,388.30	773,920.30
226	19,577,402.70	774,052.30
227	19,577,241.60	773,702.50
228	19,577,403.00	774,397.70
229	19,577,149.70	773,520.80
230	19,577,432.20	774,341.70
231	19,577,023.30	773,545.80
232	19,577,438.60	774,175.40
233	19,576,962.50	773,497.60
234	19,577,020.90	774,116.60
235	19,576,496.50	773,870.80
236	19,577,359.50	773,334.80
237	19,576,495.60	772,899.80
238	19,577,218.60	773,122.10
240	19,577,136.60	773,650.00
242	19,576,968.00	773,950.50
244	19,576,438.50	772,951.30

CENTER LINE T.P.		
T.P.	EAST	NORTH
CL-84	19,577,397.30	774,678.70
CL-85	19,577,446.60	774,142.70
CL-86	19,577,373.60	773,920.70
CL-87	19,577,229.70	773,713.60
CL-88	19,577,179.80	773,633.60
CL-89	19,576,977.80	773,537.50
CL-90	19,576,453.10	773,494.30

DATE	REVISION	BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN		
DESIGNED BY:	INLAND ROUTE, MI.	
DRAWN BY:	FY99 MAINTENANCE DREDGING CROOKED RIVER AFTER DREDGE	
CHECKED BY:	AREA 1	
REVIEWED BY:	278+25 TO 285+94	
OTHER TECHNICAL SUPPORT SECTION:	SCALE AS SHOWN	DRAWING NUMBER
	SHEET 2 of 10	

DACW-95-99-R-0009