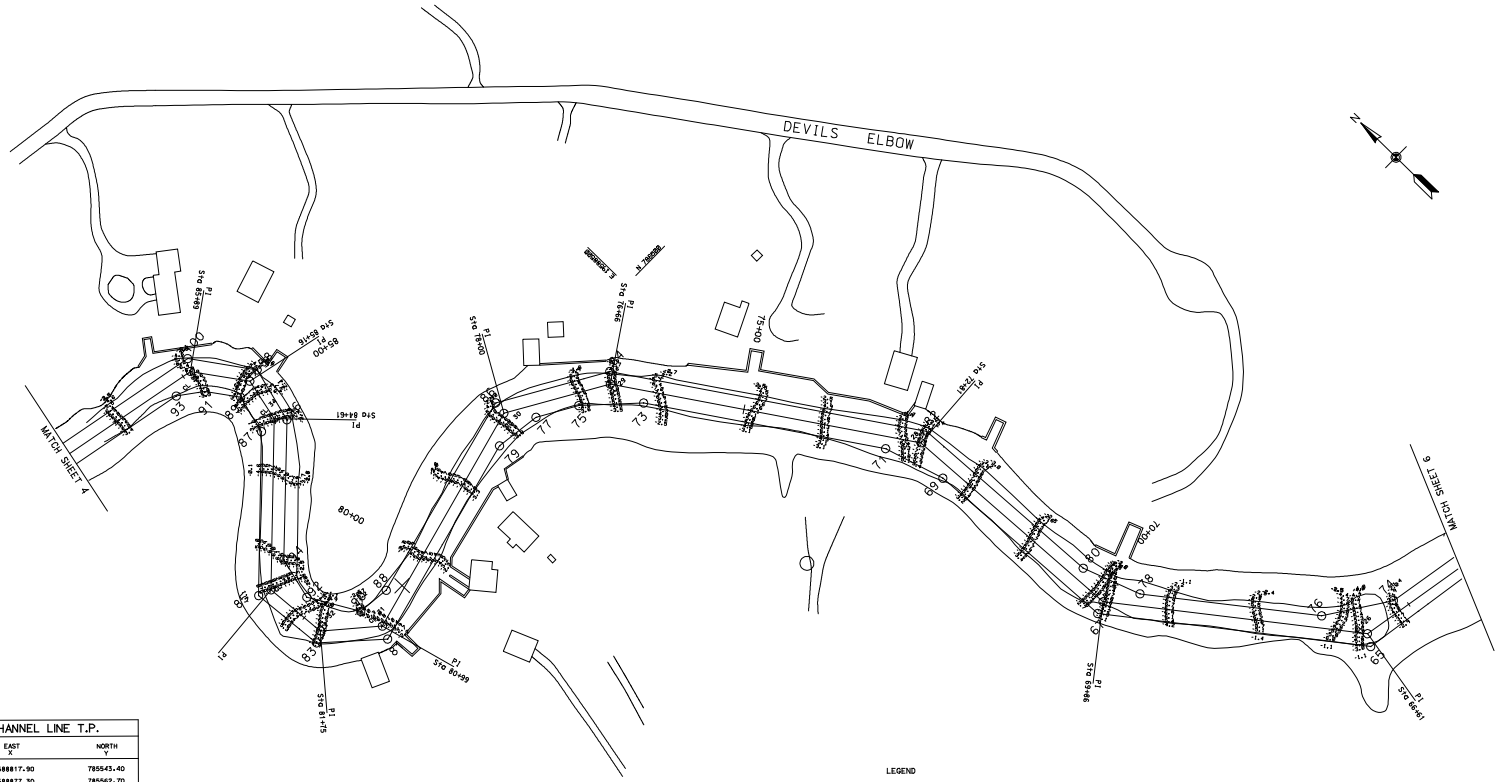

CHANNEL LINE T.P.		
T.P.	EAST X	NORTH Y
65	19588817.90	785543.40
74	19588877.30	785562.70
76	19588803.00	785612.30
78	19588667.60	785785.50
67	19588614.50	785809.60
80	19588641.70	785860.80
69	19588600.80	786059.80
82	19588627.90	786113.90
71	19588577.90	786134.80
73	19588411.90	786384.70
84	19588410.50	786441.10
75	19588354.40	786439.20
77	19588307.80	786466.50
86	19588286.10	786513.90
79	19588251.90	786474.00
81	19587988.20	786407.10
88	19588029.50	786449.90
90	19587989.40	786454.20
83	19587924.40	786465.90
92	19587955.90	786513.20
85	19587916.40	786556.70
94	19587969.10	786565.10
96	19588093.70	786681.60
87	19588061.80	786693.60
89	19588074.00	786741.10
98	19588111.90	786749.90
91	19588048.70	786777.20
100	19588062.70	786820.20
93	19588020.40	786798.30

CENTER LINE T.P.		
T.P.	EAST X	NORTH Y
CL-26	19588826.40	785557.70
CL-27	19588629.30	785815.00
CL-28	19588613.10	786109.00
CL-29	19588400.00	786429.90
CL-30	19588284.00	786497.90
CL-31	19587938.00	786472.70
CL-32	19587995.00	786422.80
CL-33	19587932.00	786550.70
CL-34	19588083.90	786693.80
CL-35	19588095.90	786746.80
CL-36	19588053.90	786806.80

593.1 L.W.D.

LEGEND

The information depicted on this map represents the results of the surveys made on the dates 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.G.L.D.) 1955.

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 Buoys

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 448
Transducer	208 KHz with 3.0 degree beam angle

50 25 0 50 100FT
SCALE: 1"= 50'

NO.	DATE	REVISION	BY

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

DESIGNED BY:
DRAWN BY: R. DELESTOWICZ
CHECKED BY:
REVIEWED BY:
CHIEF, GEOTECHNICAL ENGINEERING SECTION P.E.

INLAND ROUTE, MI.

FY99 MAINTENANCE DREDGING
CROOKED RIVER AFTER DREDGE: AREA 2

65+00 TO 87+75

SCALE AS SHOWN
DRAWING NUMBER
SHEET 5 of 10

DACW- 35-99-R-0009