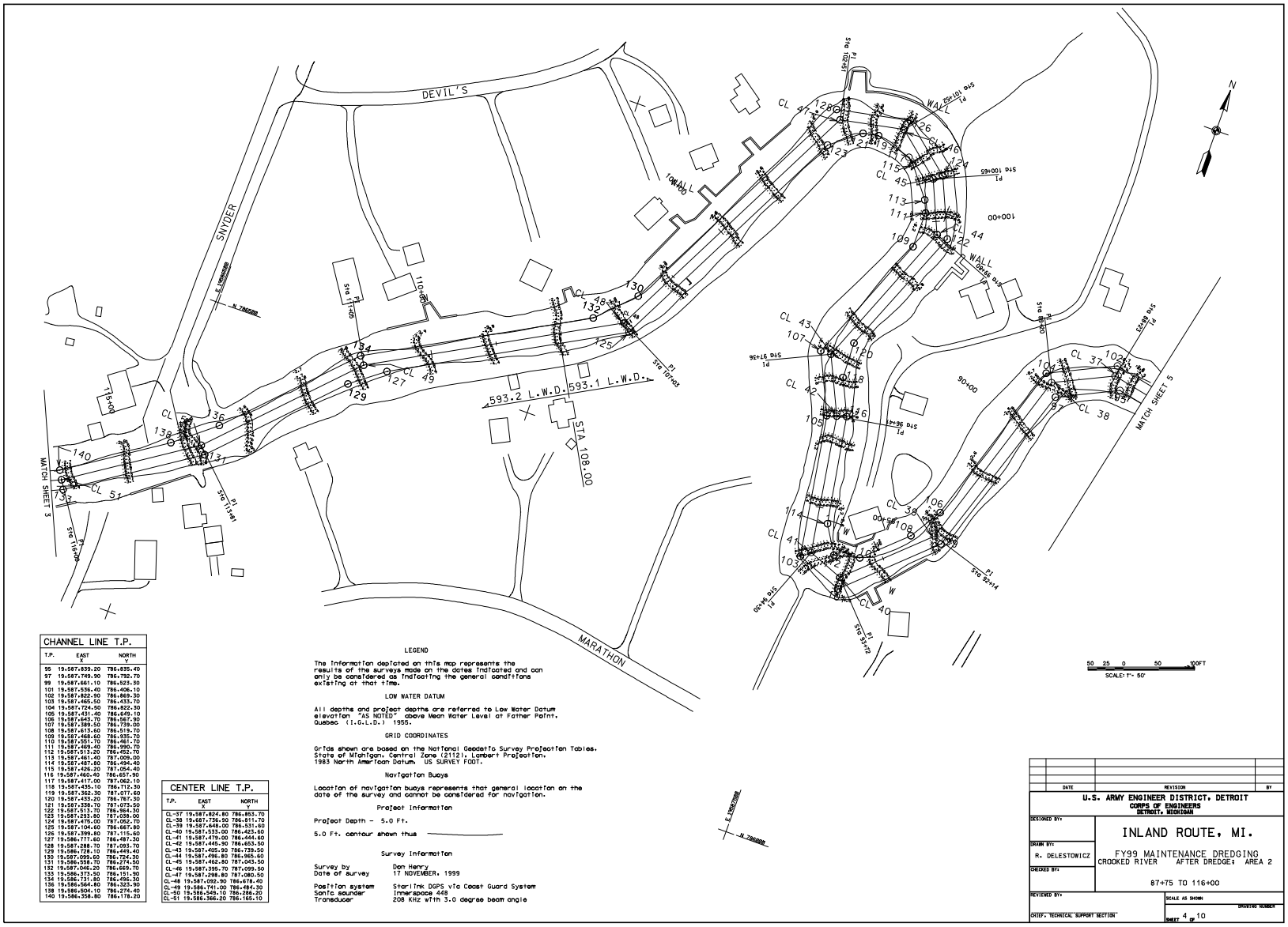

CHANNEL LINE T.P.		
T.P.	EAST X	NORTH Y
95	19,587,839.20	786,835.40
97	19,587,749.90	786,792.70
99	19,587,661.10	786,523.30
101	19,587,536.40	786,406.10
102	19,587,822.90	786,869.30
103	19,587,465.50	786,433.70
104	19,587,724.50	786,822.30
105	19,587,431.40	786,649.10
106	19,587,643.70	786,567.90
107	19,587,389.50	786,739.00
108	19,587,613.60	786,519.70
109	19,587,468.60	786,935.70
110	19,587,551.70	786,461.70
111	19,587,469.40	786,990.70
112	19,587,513.20	786,452.70
113	19,587,461.40	787,009.00
114	19,587,487.80	786,494.40
115	19,587,426.20	787,054.40
116	19,587,460.40	786,657.90
117	19,587,417.00	787,062.10
118	19,587,435.10	786,712.30
119	19,587,362.30	787,077.60
120	19,587,433.20	786,787.30
121	19,587,338.70	787,073.50
122	19,587,513.70	786,864.30
123	19,587,293.80	787,058.00
124	19,587,475.00	787,052.70
125	19,587,104.60	786,667.80
126	19,587,399.80	787,115.60
127	19,586,777.60	786,487.30
128	19,587,288.70	787,083.70
129	19,586,728.10	786,449.40
130	19,587,029.60	786,724.30
131	19,586,588.70	786,274.50
132	19,587,046.20	786,669.70
133	19,586,373.50	786,151.90
134	19,586,731.80	786,486.30
136	19,586,564.80	786,323.90
138	19,586,506.10	786,274.40
140	19,586,358.80	786,178.20

CENTER LINE T.P.		
T.P.	EAST X	NORTH Y
CL-37	19,587,824.80	786,853.70
CL-38	19,587,736.90	786,811.70
CL-39	19,587,648.00	786,531.60
CL-40	19,587,533.00	786,423.60
CL-41	19,587,479.00	786,444.60
CL-42	19,587,445.90	786,653.50
CL-43	19,587,405.90	786,739.50
CL-44	19,587,496.80	786,965.60
CL-45	19,587,462.80	787,043.50
CL-46	19,587,395.70	787,089.50
CL-47	19,587,298.80	787,080.50
CL-48	19,587,092.90	786,878.40
CL-49	19,586,741.00	786,484.30
CL-50	19,586,549.10	786,286.20
CL-51	19,586,366.20	786,165.10

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

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, TECHNICAL SUPPORT SECTION

INLAND ROUTE, MI.

FY99 MAINTENANCE DREDGING
CROOKED RIVER AFTER DREDGE: AREA 2

87+75 TO 116+00

SCALE AS SHOWN
DRAWING NUMBER
SHEET 4 OF 10

DACW- 35-99-R-0009