

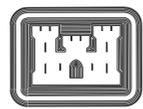
CHANNEL LINE TURNING POINTS		
STATION	EAST	NORTH
1	13,410,550.46	892,486.22
2	13,410,419.52	892,446.93
3	13,410,119.41	892,825.53
4	13,410,086.16	892,788.06
5	13,409,975.75	892,968.97
6	13,409,942.51	892,931.50
7	13,409,634.23	893,238.21
8	13,409,865.79	892,991.89
10	13,409,689.62	893,092.78
12	13,409,593.01	893,168.83

CONTROL POINTS (CORPSCON)		
STATION	EAST	NORTH
C-10	13,410,620.50	892,951.05
C-11	13,409,974.35	892,700.76
C-12	13,410,595.66	892,165.78
C-13	13,410,627.44	891,824.51
PT-C	13,410,052.03	892,742.38
PT-D	13,410,507.77	892,383.63
PT-F	13,410,905.21	891,972.67
104	13,409,656.21	893,297.55
105	13,409,623.66	893,259.59
108	13,409,630.17	893,267.18
111	13,409,911.02	893,227.13
BEADLE	13,409,614.68	892,233.07

CENTERLINE TURNING POINTS			
STATION		EAST	NORTH
00+00	0	13,410,534.98	892,466.57
05+50.04	1	13,410,102.79	892,806.79
07+53.06	2	13,409,959.13	892,950.23
08+53.07	3	13,409,880.54	893,012.10
10+55.72	4	13,409,712.64	893,125.56
11+81.74	5	13,409,613.62	893,203.51

CONTROL POINTS (G.P.S.)		
STATION	EAST	NORTH
C-12 (BM)	13,410,595.66	892,165.78
PT "G"	13,410,160.91	892,880.69

- NOTES:
- 1) THE SOUNDINGS AND ASSOCIATED INFORMATION REPRESENTED HEREIN ARE THE RESULT OF SURVEYS MADE ON THE DATE AS INDICATED AND CAN ONLY BE CONSIDERED REPRESENTATIVE OF THE GENERAL CONDITIONS EXISTING AT THE TIME OF SURVEY.
 - 2) THE SOUNDINGS DEPICTED HEREIN ARE EXPRESSED IN U.S. SURVEY FEET AND TENTHS THEREOF AND ARE REFERENCED TO THE FOLLOWING DATUMS:
HORIZONTAL: MICHIGAN STATE PLANE COORDINATE SYSTEM, MICHIGAN SOUTH ZONE #2113, NORTH AMERICAN DATUM (NAD) OF 1983.
VERTICAL: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985.
 - 3) THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL SKIFF EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: APPLANIX POS-MV4 W/DGPS
MOTION COMPENSATION: N/A
SONAR: ODOM CV-300 (SINGLEBEAM)
SOFTWARE: HYPACK 2013
 - 4) TIDE CORRECTION VALUES REFERENCED FROM THE TOP OF A STEEL WALL CORNER AT THE CASEVILLE HARBOR BOAT LAUNCH RAMP LABELED "TBM RAMP." (SHEET 1) ELEVATION IGLD85 = 583.591 FT.
LAKE HURON L.W.D. = 577.50



US ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

UNITED STATES ARMY CORPS OF ENGINEERS
DETROIT AREA OFFICE, DETROIT, MICHIGAN

CONDITION SURVEY
CASEVILLE HARBOR, MI
CS 00+00 TO CS 13+00

SURVEYED BY:
D.E.H.

CHECKED BY:
C.V.L.

DATE OF SURVEY: **23 JUNE 2016**

SHEET 1 OF 2

SCALE 1" = 100'

