



CENTERLINE		
STATION NUMBER	COORDINATES NORTH	COORDINATES EAST
9	923,873.95	13,301,424.06
10	923,942.12	13,301,334.13
11	924,153.91	13,301,200.82
12	924,336.23	13,301,126.73
13	924,717.87	13,301,040.35
14	925,134.75	13,300,850.22
15	925,289.39	13,300,864.00
16	925,384.22	13,300,929.08
17	925,824.11	13,301,270.92
18	925,976.16	13,301,358.03
19	926,140.30	13,301,381.18
20	926,304.94	13,301,358.23
21	926,458.70	13,301,314.78
22	926,628.20	13,301,232.63
23	926,822.57	13,301,090.35

HORIZONTAL GROUND CONTROL		
STATION NUMBER	COORDINATES NORTH	COORDINATES EAST
AUG-MIDSHIPMAN	924,227.25	13,300,890.19
AUG-COURT	924,221.00	13,299,635.48

CHANNEL LINE		
STATION NUMBER	COORDINATES NORTH	COORDINATES EAST
21	923,847.84	13,301,408.84
22	923,900.05	13,301,439.29
23	923,921.50	13,301,311.65
24	923,962.73	13,301,356.61
25	924,140.17	13,301,174.03
26	924,167.56	13,301,227.63
27	924,327.21	13,301,098.01
28	924,345.25	13,301,155.45
29	924,708.23	13,301,011.76
30	924,727.50	13,301,068.93
31	925,129.51	13,300,819.62
32	925,139.98	13,300,880.80
33	925,299.88	13,300,834.82
34	925,278.89	13,300,893.19
35	925,401.93	13,300,904.84
36	925,366.51	13,300,953.31
37	925,840.85	13,301,245.94
38	925,807.36	13,301,295.91
39	925,986.06	13,301,329.13
40	925,966.25	13,301,386.94
41	926,140.32	13,301,350.89
42	926,140.27	13,301,411.48
43	926,298.77	13,301,328.80
44	926,311.12	13,301,387.66
45	926,451.00	13,301,286.60
46	926,469.41	13,301,342.93
47	926,612.67	13,301,206.82
48	926,643.72	13,301,258.45
49	926,809.03	13,301,063.11
50	926,836.11	13,301,117.62

- 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: TRIMBLE BLUE DGPS WITH CORRECTIONS FROM BEACON FREQ 319
MOTION COMPENSATION: N/A
SONAR: ODOM CV-300 (SINGLEBEAM)
SOFTWARE: HYPACK 2013
 - 4) TIDE CORRECTION VALUES REFERENCED FROM A POINT MARK ON SEAWALL DESCRIBED AS "TBM STEEL CORNER" LOCATED ON TOP OF STEEL WALL AND AT DOWNSTREAM END OF WALL (SHEET 3). ELEVATION IGLD 85 = 582.18.
LAKE HURON L.W.D. = 577.50

	UNITED STATES ARMY CORPS OF ENGINEERS DETROIT AREA OFFICE, DETROIT, MICHIGAN	
	CONDITION SURVEY POINT LOOKOUT, MI CS 35+00 TO CS 73+00N	
DRAWN BY: B.R.	DATE OF SURVEY: 10 AUG 2016	
CHECKED BY: C.V.L.	SCALE 1" = 100'	
		SHEET 4 OF 5