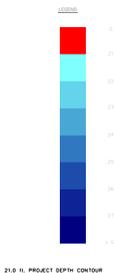


CENTER LINE T. P.

T. P.	COORDINATES	
	EAST X	NORTH Y
3	13,460,678.92	286,491.95
4	13,457,880.03	287,099.57

CHANNEL LINE T. P.

T. P.	COORDINATES	
	EAST	NORTH
10N	13,460,677.87	286,609.51
11N	13,460,572.57	286,621.07
12N	13,460,471.40	286,639.33
7S	13,460,662.84	286,393.11
H	13,458,764.03	287,009.99
I	13,458,721.61	286,814.54
J	13,458,233.61	286,970.61
K	13,457,827.38	287,013.10
L	13,457,909.92	287,194.60
M	13,458,380.01	287,030.94



- 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 WHEELER EMPLOYING THE FOLLOWING COMPONENTS:
 POSITIONING: TRIMBLE DGPS
 MOTION COMPENSATION: APPLIN WAVE MASTER
 SONAR: R2 SONIC 2024 MULTIBEAM
 SOFTWARE: HYPACK 2015
 - 4) WATER LEVELS USED WERE REFERENCED TO THE 5FT GAGE BOARD LOCATED ON THE DOWNSTREAM END OF THE JEFFERSON AVE BRIDGE.

	UNITED STATES ARMY CORPS OF ENGINEERS DETROIT AREA OFFICE, DETROIT, MICHIGAN	
	CONDITION SURVEY ROUGH RIVER, MI CS 32+00 TO CS 62+00	
DRAWN BY: J.K.P.	DATE OF SURVEY:	08 OCTOBER 2015
CHECKED BY: C.V.L.	SCALE 1" = 100'	
		SHEET <u>2</u> OF <u>7</u>