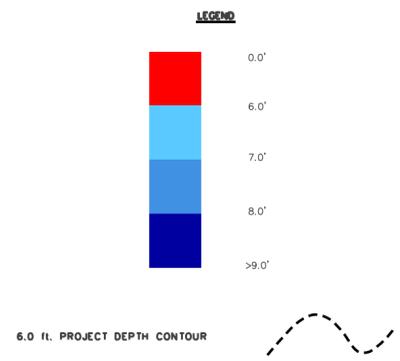


CHANNEL CONTROL DATA			
STATION NUMBER	DESCRIPTION	COORDINATES	
		NORTH	EAST
8	CHANNEL LINE	137,495,3712	13,389,717,4837
9	CHANNEL LINE	137,678,3691	13,389,184,1356
10	CHANNEL LINE	137,695,5419	13,388,788,7161
11	CHANNEL LINE	137,683,9234	13,388,588,2496
12	CHANNEL LINE	138,058,4619	13,388,265,8119
13	CHANNEL LINE	138,084,8455	13,388,280,0929
14	CHANNEL LINE	137,908,4555	13,388,605,9365
15	CHANNEL LINE	137,748,7729	13,388,775,8883
16	CHANNEL LINE	137,723,5302	13,388,835,7782
17	CHANNEL LINE	137,706,6159	13,389,225,0447
18	CHANNEL LINE	137,548,8151	13,389,684,9719
7	CENTERLINE	137,522,0931	13,389,701,2278
8	CENTERLINE	137,692,4925	13,389,204,5901
9	CENTERLINE	137,710,2863	13,388,794,9335
10	CENTERLINE	137,696,1895	13,388,597,1080
11	CENTERLINE	138,071,6537	13,388,272,9524

- 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 RIVER SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL SKIFF EMPLOYING THE FOLLOWING COMPONENTS:  
 POSITIONING: TRIMBLE DSM  
 SONAR: ODOM CV-300  
 SOFTWARE: HYPACK 2013
  - 4) TIDE GAGE USED FOR RIVER WERE REFERENCED FROM A CHISELED MARK ON STEEL WALL LOCATED ACROSS FROM BOLLES HARBOR DNR BOAT RAMP, AT APPROXIMATELY C.S. 2+00N, SET OFF NGS B.M. 14D15RR, PID -- MC0305. L.W.D.=569.2



 <b>US ARMY CORPS OF ENGINEERS          DETROIT DISTRICT</b>	<b>UNITED STATES ARMY CORPS OF ENGINEERS          DETROIT AREA OFFICE, DETROIT, MICHIGAN</b>	
	<b>CONDITION SURVEY          BOLLES HARBOR, MI</b>	
DRAWN BY: <b>B.R.</b>	<b>CS 28+50 TO CS 45+46.3</b>	
CHECKED BY: <b>C.V.L.</b>	<b>DATE OF SURVEY: 27 APRIL 2016</b>	
		<b>SHEET 6 OF 6</b>
<b>SCALE 1" = 100'</b>		