CENTER LINE T.P.		
T.P.	EAST X	NORTH Y
31	13,244,605.72	724,514.60

CHANNEL LINE T.P.		
T.P.	EAST X	NORTH Y
81	13,244,693.02	724,465.37
84	13,244,518.41	724,563.82

HORIZONTAL CONTROL
THIRD ORDER
LESS THAN THIRD ORDER
THIRD ORDER & BENCHMARK
VALUE UNKNOWN
VERTICAL CONTROL
BENCHMARKS

NOTES:

1) THE SOUNDINGS AND ASSOCIATED INFORMATION REPRESENTED HEREIN ARE THE RESULT OF SURVEYS MADE ON THE DATE AS INDICATED AND CAN ONLY BE REGARDED AS 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 LAUNCH 3053 EMPLOYING THE FOLLOWING COMPONENTS:
MULTIBEAM SONAR: RESON SeaBat 8101 WideSWP
MOTION COMPENSATION: APPLANIX POS-MV4
SONAR: ODOM CV-300
SOFTWARE: HYPACK 2013

4) WATER LEVELS USED WERE REFERENCED TO TBM 2LL RAMP.

US ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

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

CONDITION SURVEY
SAGINAW RIVER, MI

CS 711+00 TO CS 742+00

DRAWN BY: B.R.
CHECKED BY: C.V.L.

DATE OF SURVEY: 27 MAY 2016

100' 0' 100' 200'
SCALE 1" = 100'

SHEET 24 OF 30