CHANNEL LINE T.P.

T.P.	EAST X	NORTH Y
111	13,237,244.76	708,613.33
116	13,237,052.80	708,670.90

CENTER LINE T.P.

T.P.	EAST X	NORTH Y
45	13,237,148.78	708,642.11

TURNING BASIN T.P.

T.P.	EAST X	NORTH Y
1	13,237,645.00	710,266.78
2	13,237,318.36	709,961.39
3	13,237,179.22	709,586.40
4	13,237,237.99	709,169.96
5	13,237,505.50	709,316.00
6	13,237,819.88	709,444.64
7	13,237,889.45	709,632.13
8	13,237,779.59	710,054.61

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 RESULTS OF A SURVEY MADE ON THE DATE SHOWN AND ARE BELIEVED TO 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:NAD83 MICHIGAN STATE PLANE COORDINATES,MICHIGAN SOUTH ZONE *2113,NORTH AMERICAN DATUM OF 1983. VERTICAL:INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985.

3) THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY LAUNCH 3053 EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: APPLANIX POS-MV4 W/DGPS
MOTION COMPENSATION: APPLANIX POS-MV4
ECHOSOUNDER: ODOM CV100
SOFTWARE: HYPACK 2013

4) WATER LEVELS USED WERE REFERENCED GAGE BOARD ON PILING NEAR 8TH STREET RAILROAD BRIDGE.

US ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

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

PRIOR SURVEY
SAGINAW RIVER, MI
CS 913+00 TO CS 936+00

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

DATE OF SURVEY: 20 APRIL 2016

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

SHEET 30 OF 30