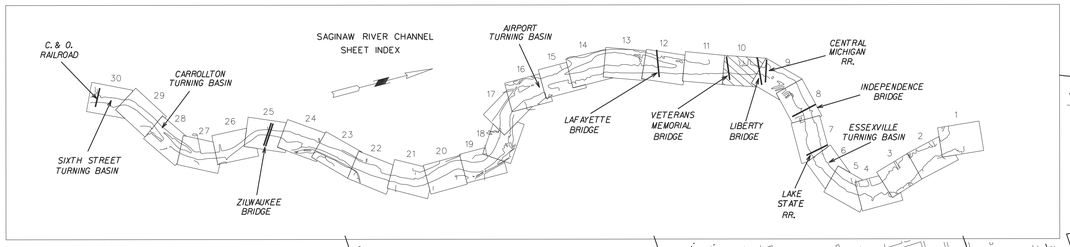

CENTER LINE T.P.

T.P.	EAST X	NORTH Y
14	13,249,371.63	767,065.10
14A	13,249,130.09	766,237.61
14B	13,248,687.99	764,315.38

CHANNEL LINE T.P.

T.P.	EAST X	NORTH Y
35	13,249,605.40	767,508.05
37	13,249,225.86	766,207.87
37A	13,248,946.80	764,994.51
37B	13,248,741.56	764,233.66
38	13,249,404.87	767,322.57
40	13,249,200.99	766,990.92
42	13,248,830.35	765,612.69
42A	13,248,638.62	764,409.42

HORIZONTAL CONTROL

- THIRD ORDER
- LESS THAN THIRD ORDER
- THIRD ORDER & BENCHMARK
- VALUE UNKNOWN

VERTICAL CONTROL

- BENCHMARKS

LEGEND

0.0'
22.0'
23.0'
24.0'
26.0'
26.6'
27.0'
>28.0'

22.0 ft. PROJECT DEPTH CONTOUR

100' 0' 100' 200'

SCALE 1" = 100'

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 LAUNCH 3053 EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: APPLANIX POS-MV4 WIDGPS
MOTION COMPENSATION: APPLANIX POS-MV4
SONAR: ODOM CV-300
SOFTWARE: HYPACK 2015

4) WATER LEVELS USED WERE REFERENCED TO TBM SAIL LOCATED AT THE FOOT OF THE 5TH STREET

US Army Corps of Engineers

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

SURVEYED BY:	RS, KS
DWN BY:	DM
DES BY:	
SUBMITTED BY:	Christopher A Eastman
PLOT SCALE:	1" = 100'
SIZE:	ARCH E
DATE OF SURVEY:	20180423
SOLICITATION NO.:	
CONTRACT NO.:	
FILE NUMBER:	
PLOT DATE:	20180518
FILE NAME:	Sheet10.dgn

U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT
477 MICHIGAN AVE
DETROIT, MI 48226

DETROIT AREA OFFICE
6308 WEST JEFFERSON AVE
DETROIT, MI 48209

SAGINAW RIVER MICHIGAN

CONDITION OF CHANNEL
APRIL 2018

SHEET IDENTIFICATION

SHEET 10 OF 30