CENTER LINE, ST. CLAIR RIVER CHANNEL

INTERNATIONAL BOUNDARY LINE

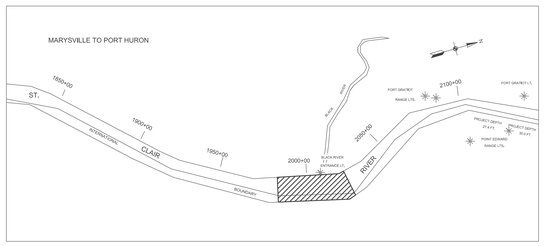
U.S.A.
CANADA

E 13646000
N 544000

L.W.D. 576.2'

L.W.D. 576.3'

PROJECT DEPTH 27.4



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 EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: APPLANIX POS-MV4 W/ WAAS DGPS CORRECTIONS
MOTION COMPENSATION: APPLANIX POS-MV4
SONAR: ODOM CV 300
SOFTWARE: HYPACK 2015

4) TIDE CORRECTION VALUES DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WATER LEVEL STATION(S) AS FOLLOWS:
BLACK RIVER, MI (#9014090) @ 96%
DRY DOCK, MI (#9014087) @ 04%

LEGEND

0.0'
27.4'
28.0'
28.5'
29.0'
29.5'
>30.0'

27.4 ft. PROJECT DEPTH CONTOUR

100' 0' 100' 200'

SCALE 1" = 100'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPD	MARK	DESCRIPTION	DATE	APPD

SURVEYED BY: NS, GM
DATE OF SURVEY: 2019 OCT 18
DWN BY: GM
DATE: 2019 OCT 22
CHKD BY: BM
SOLICITATION NO.:
SUBMITTED BY: Christopher J. Kellman
CONTRACT NO.:
PROJECT CALL FOR DATE: 2019 OCT 22
SIZE: ANSI E
FILE NAME:
P &E NUMBER:

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

DETROIT AREA OFFICE
6008 WEST JEFFERSON AVE
DETROIT, MI 48209

ST. CLAIR RIVER, MICHIGAN
BLACK RIVER SHOAL
CONDITION SURVEY
OCTOBER 2019

SHEET IDENTIFICATION

SHEET 50 OF 54