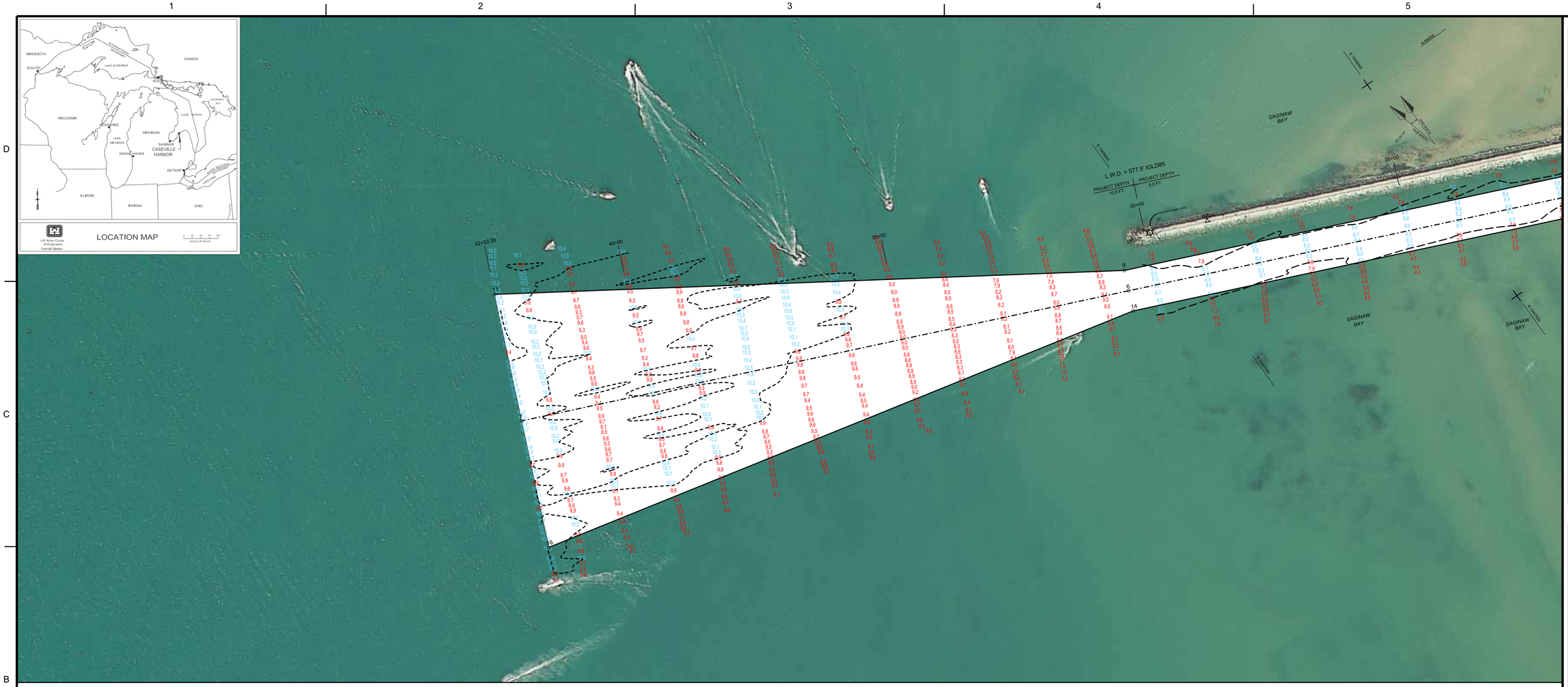
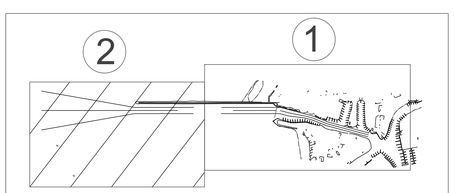




INDEX TO SHEETS
CASEVILLE HARBOR

CONTROL POINTS (CORPSCON)		
STATION	EAST	NORTH
J-13	13,407,988.50	894,009.89
103	13,409,618.25	893,330.10
106	13,409,419.72	893,395.58
107	13,409,504.37	893,427.75
LIGHT	13,407,959.78	894,022.22

CHANNEL LINE TURNING POINTS		
STATION	EAST	NORTH
9	13,407,909.58	893,978.45
11	13,406,889.61	894,644.80
14	13,407,878.02	893,904.93
16	13,406,692.37	894,185.28

CENTERLINE TURNING POINTS			
STATION		EAST	NORTH
30+53.29	6	13,407,893.80	893,941.70
42+53.38	7	13,406,791.00	894,415.04

CONTROL POINTS (G.P.S.)		
STATION	EAST	NORTH
J-11	13,409,554.73	893,337.63

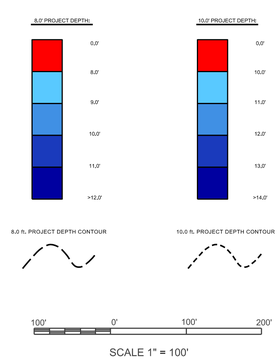
NOTES:

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 SKIFF EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: TRIMBLE R-10 W/VRS-RTK CORRECTIONS
SONAR: ODOM CV-300
SOFTWARE: HYPACK 2015

4) GAGES USED WERE REFERENCED FROM THE TOP OF A STEEL WALL CORNER AT THE CASEVILLE HARBOR BOAT RAMP WITH AN IGLD85 ELVATION OF 583.591 FT.



US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

SURVEYOR: IBR, NB
DWN BY: NB
DRAWING DATE: 01 JUL 2019
SUBMITTED BY: C.V.L.
REVIEWED BY: S.S.R.
CONTRACT NO.:
APPROVED BY:
FILE NUMBER:
PLOT SCALE: 1"=100'
IMAGE DATE: 11 SEP 2008
SIZE: ANSI D
IMAGE SOURCE: NOAA
FILE NAME:

U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT
DETROIT, MI

DETROIT AREA OFFICE
6309 W JEFFERSON AVE
DETROIT, MI 48209

CASEVILLE HARBOR MICHIGAN

POST-DREDGE SURVEY
27 JUNE 2019

SHEET IDENTIFICATION

SHEET 2 OF 2