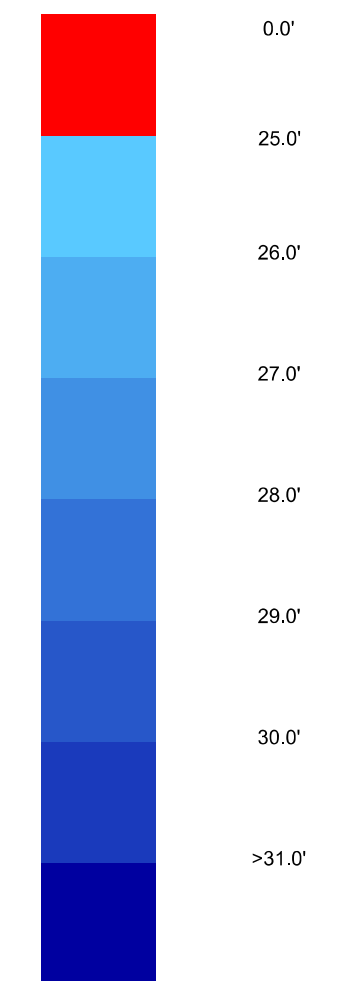


GRID SCALE FACTOR: 0.99991930  
 GRID DIST. DIVIDED BY GRID SCALE FACTOR = GROUND DIST.

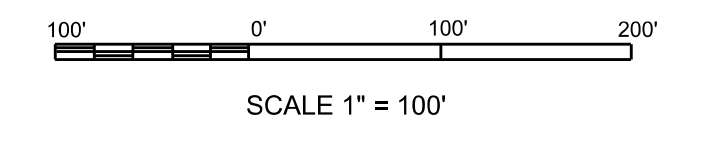
HORIZONTAL CONTROL	
△	THIRD ORDER
○	LESS THAN THIRD ORDER
△	THIRD ORDER & BENCHMARK
○	VALUE UNKNOWN
VERTICAL CONTROL	
△	BENCHMARKS



LEGEND



25.0 ft. PROJECT DEPTH CONTOUR



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 WDGPS  
 MOTION COMPENSATION: APPLANIX POS-MV4  
 SONAR: ODOM CV-300  
 SOFTWARE: HYPACK 2015
- 4) GAGES USED WERE REFERENCED TO THE NOAA GAGE AT ESSEXVILLE (#9075035), AND A GAGE BOARD AT THE LAKE STATE RR BRIDGE.

NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

DESIGNED BY: DATE: 07/15/2018	CONTRACT NO.:
DRAWN BY: DATE: 07/15/2018	FILE NUMBER:
CHECKED BY: DATE: 07/15/2018	SCALE:
APPROVED BY: DATE: 07/15/2018	PROJECT NAME:

**SAGINAW RIVER  
 MICHIGAN  
 CONDITION OF CHANNEL  
 2 JULY 2018**

**SHEET IDENTIFICATION**  
 SHEET 6 OF 10