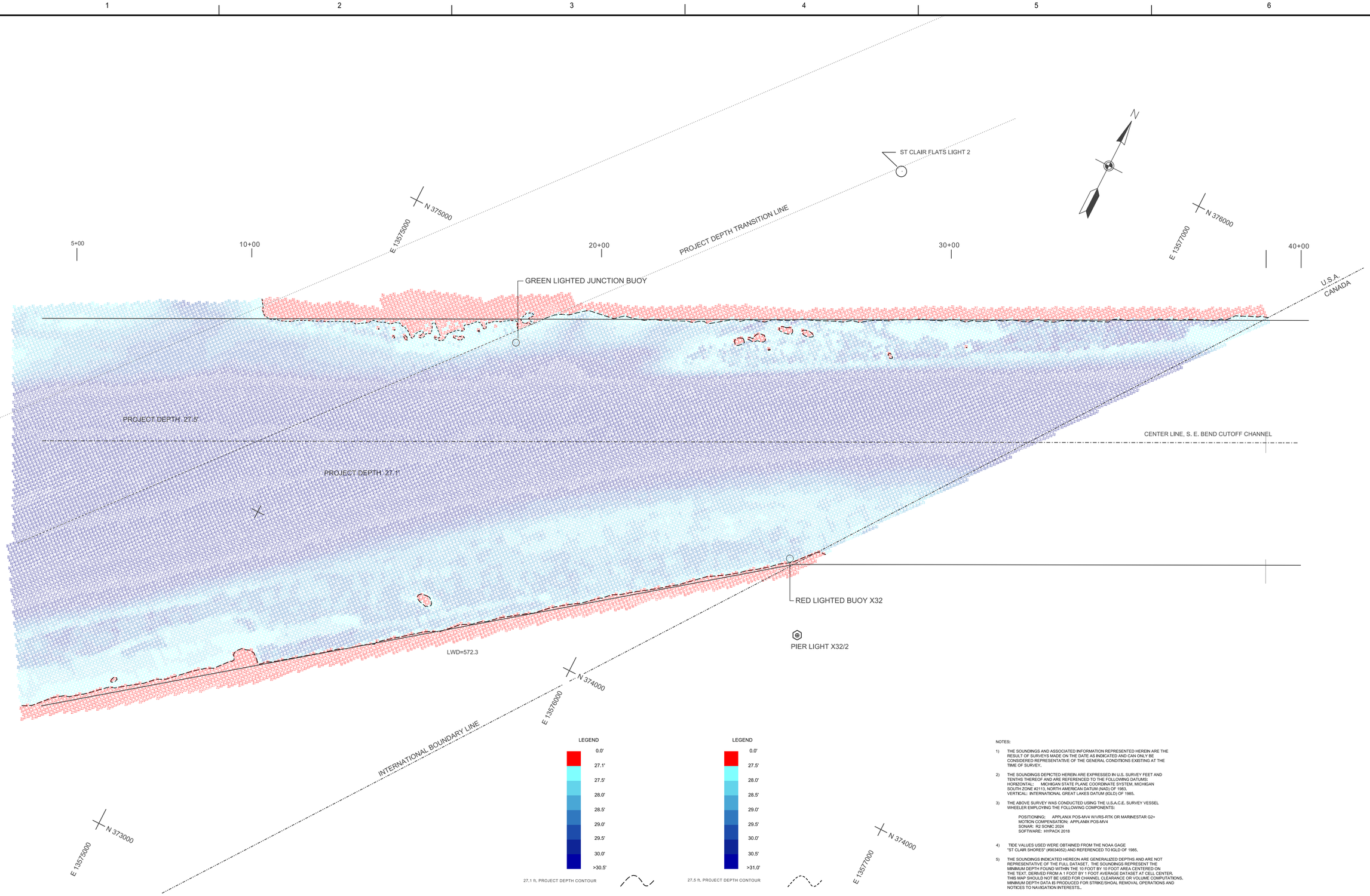


LEGEND

	0.0'
	27.1'
	27.5'
	28.0'
	28.5'
	29.0'
	29.5'
	30.0'
	>30.5'

27.1 ft. PROJECT DEPTH CONTOUR

LEGEND

	0.0'
	27.5'
	28.0'
	28.5'
	29.0'
	29.5'
	30.0'
	30.5'
	>31.0'

27.5 ft. PROJECT DEPTH CONTOUR

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.

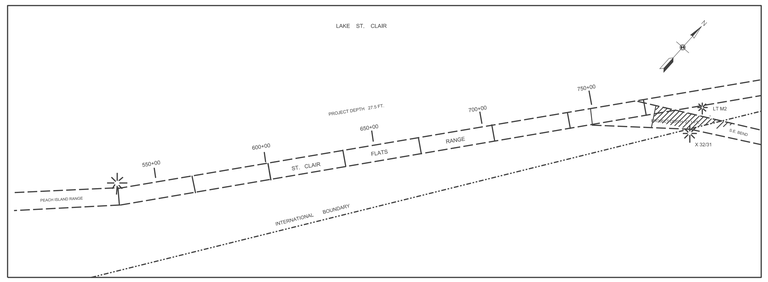
2) THE SOUNDINGS DEPICTED HEREIN ARE EXPRESSED IN U.S. SURVEY FEET AND TENTHS THEREOF AND ARE REFERENCED TO THE FOLLOWING DATUMS:
HORIZONTAL: MICHIGAN STATE PLANE COORDINATE SYSTEM, MICHIGAN SOUTH ZONE #2113, NORTH AMERICAN DATUM (NAD) OF 1983.
VERTICAL: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985.

3) THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL WHEELER EMPLOYING THE FOLLOWING COMPONENTS:

POSITIONING: APPLANIX POS-MV4 W/VRS-RTK OR MARINESTAR G2+
MOTION COMPENSATION: APPLANIX POS-MV4
SONAR: R2 SONIC 2024
SOFTWARE: HYPACK 2018

4) TIDE VALUES USED WERE OBTAINED FROM THE NOAA GAGE "ST CLAIR SHORES" (9034052) AND REFERENCED TO IGLD OF 1985.

5) THE SOUNDINGS INDICATED HEREON ARE GENERALIZED DEPTHS AND ARE NOT REPRESENTATIVE OF THE FULL DATASET. THE SOUNDINGS REPRESENT THE MINIMUM DEPTH FOUND WITHIN THE 10 FOOT BY 10 FOOT AREA CENTERED ON THE TEXT. DERIVED FROM A 1 FOOT BY 1 FOOT AVERAGE DATASET AT CELL CENTER. THIS MAP SHOULD NOT BE USED FOR CHANNEL CLEARANCE OR VOLUME COMPUTATIONS. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS..



US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR. MARK

SURVEYED BY: DR, JK
DRAWN BY: MT
CKD BY:
SUBMITTED BY: Christopher A. Lipinski
DATE OF SURVEY: 09/27/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 15/OCT/2019
SIZE: 1" = 100'
FILE NAME:

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

DETROIT AREA OFFICE
6309 WEST JEFFERSON AVE
DETROIT, MI 48209

CUT OFF CHANNEL
LAKE ST CLAIR, MICHIGAN
CONDITION OF CHANNEL
09 OCT 2019

SHEET IDENTIFICATION

SHEET 1 OF 2