

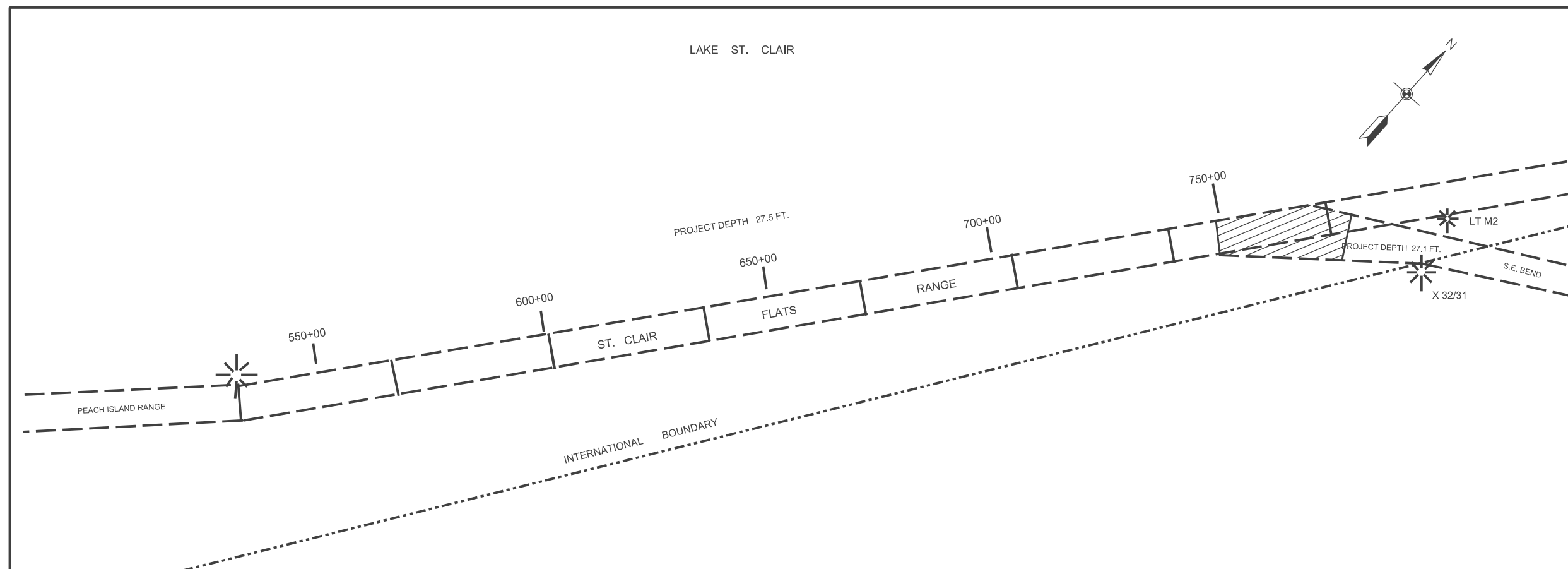
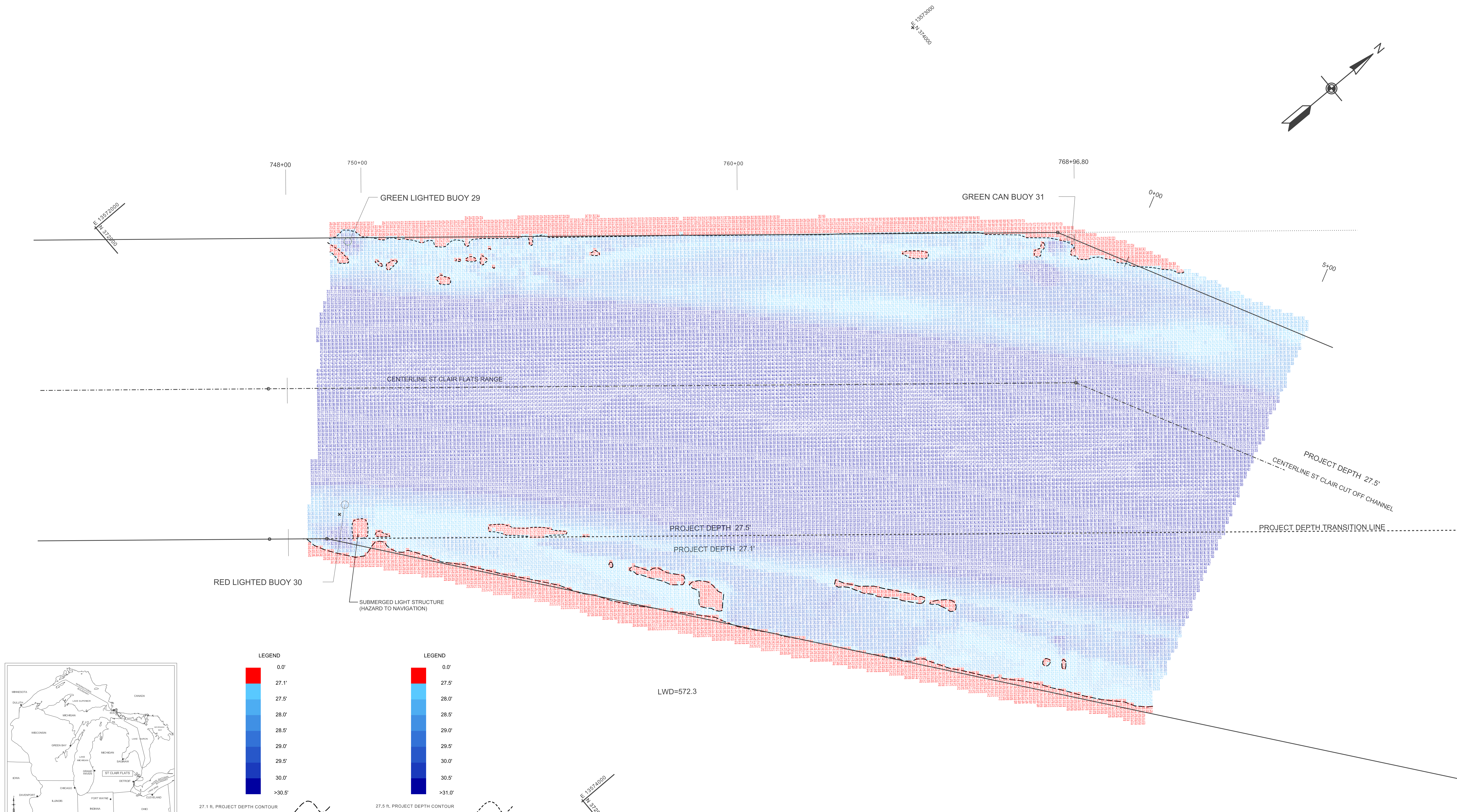
E

D

C

B

A



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/RTK OR MARINESTAR G2+  
MOTION COMPENSATION: APPLANIX POS-MV4  
SONAR: RD SONAR 300A  
SOFTWARE: HYPACK 2018
- 4) TIDE VALUES USED WERE OBTAINED FROM THE NOAA GAGE "ST. CLAIR SHORES" (#034052) 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 PROVIDED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.

US Army Corps of Engineers

NO. REVISED BY:	DATE:	DESCRIPTION:	DATE:	NO. REVISED BY:	DATE:	DESCRIPTION:	DATE:
1	08 OCT 2019	ISSUED FOR REVIEW		1	08 OCT 2019	ISSUED FOR REVIEW	
2	08 OCT 2019	ISSUED FOR REVIEW		2	08 OCT 2019	ISSUED FOR REVIEW	
3	08 OCT 2019	ISSUED FOR REVIEW		3	08 OCT 2019	ISSUED FOR REVIEW	
4	08 OCT 2019	ISSUED FOR REVIEW		4	08 OCT 2019	ISSUED FOR REVIEW	
5	08 OCT 2019	ISSUED FOR REVIEW		5	08 OCT 2019	ISSUED FOR REVIEW	
6	08 OCT 2019	ISSUED FOR REVIEW		6	08 OCT 2019	ISSUED FOR REVIEW	
7	08 OCT 2019	ISSUED FOR REVIEW		7	08 OCT 2019	ISSUED FOR REVIEW	
8	08 OCT 2019	ISSUED FOR REVIEW		8	08 OCT 2019	ISSUED FOR REVIEW	
9	08 OCT 2019	ISSUED FOR REVIEW		9	08 OCT 2019	ISSUED FOR REVIEW	
10	08 OCT 2019	ISSUED FOR REVIEW		10	08 OCT 2019	ISSUED FOR REVIEW	

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

DESIGNED BY:  
DETROIT AREA OFFICE  
6309 WEST IFFERSON AVE  
DETROIT, MI 48209

DATE:  
08 OCT 2019

FILE NAME:  
CUT OFF CHANNEL  
LAKE ST. CLAIR, MICHIGAN  
CONDITION OF CHANNEL  
08 OCT 2019

SHEET IDENTIFICATION

SHEET 1 OF 2