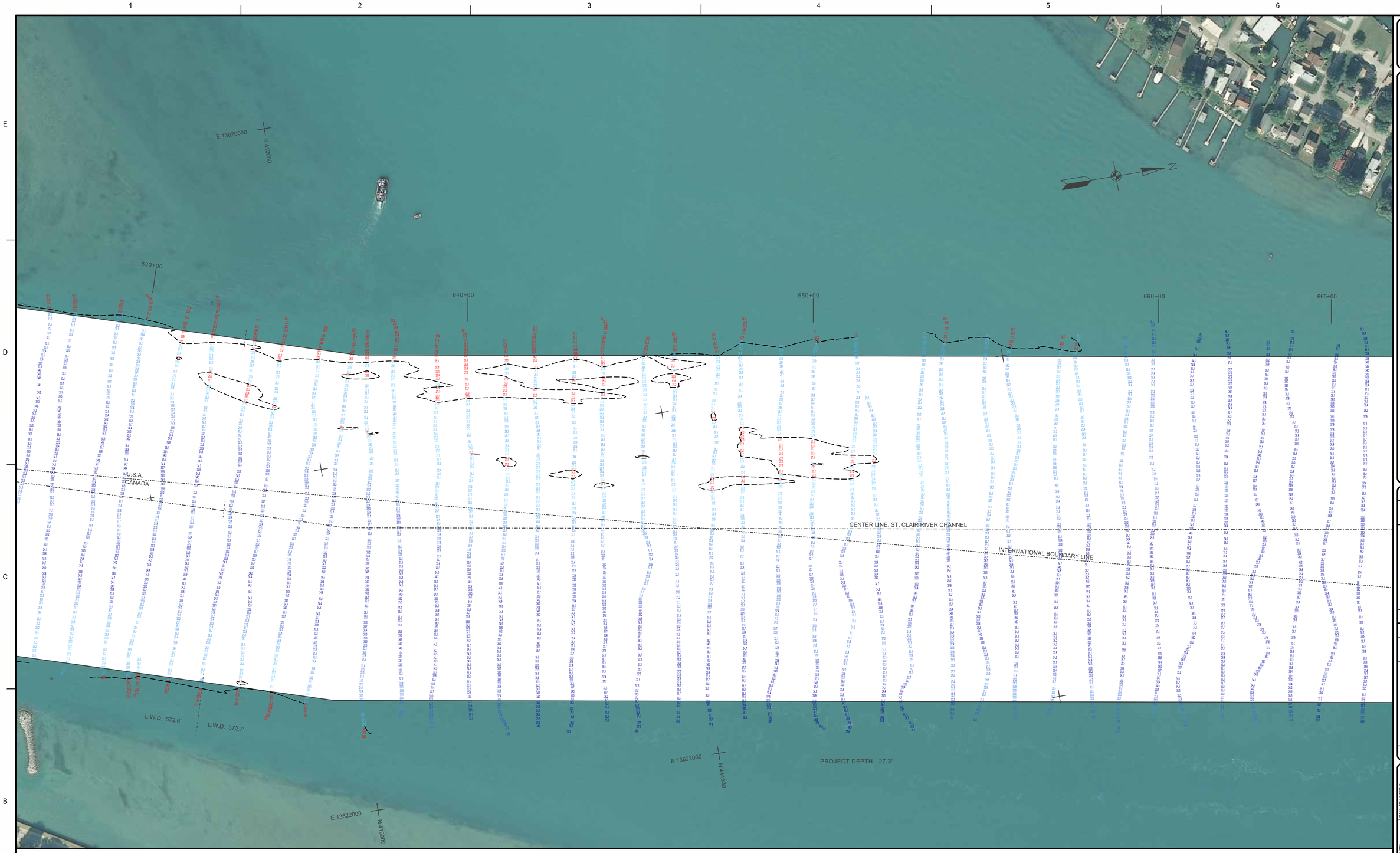

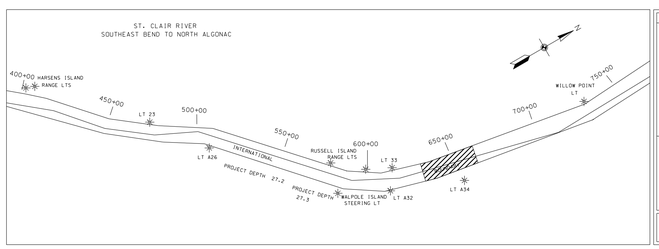

NOTES:

1) 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, L.W.D. AS INDICATED.

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

   POSITIONING: APPLANIX POS-MV4
   CORRECTIONS: WAAS DGPS
   SONAR: ODOM CV 300 (SINGLE-BEAM TRANSDUCER)
   SOFTWARE: HYPACK 2015

3) TIDE CORRECTION VALUES DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WATER LEVEL STATION(S) AS FOLLOWS:

   ALGONAC, MI (#9014070) - 99%
   ST CLAIR STATE POLICE, MI (9014080) - 1%

4) THE SOUNDINGS AND ASSOCIATED INFORMATION REPRESENTED HEREIN ARE THE RESULT OF SURVEYS CONDUCTED ON THE DATE AS INDICATED AND CAN ONLY BE CONSIDERED REPRESENTATIVE OF THE GENERAL CONDITIONS EXISTING AT THE TIME OF SURVEY.

LEGEND

0.0'
27.3'
28.0'
29.0'
30.0'
31.0'
32.0'
33.0'
> 34.0'

27.3 ft. PROJECT DEPTH CONTOUR

100' 0' 100' 200'

SCALE 1" = 100'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR	MARK	DESCRIPTION	DATE

DATE OF SURVEY: 17 OCT 2019

SURVEYED BY: NB, GM
DWN BY: LT
CHD BY: GM
SUBMITTED BY: Christopher V. Lakeman
SCALE: 1" = 100'
SIZE: D
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
DATE: 23 OCT 2019
FILE NAME:

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

DETROIT AREA OFFICE
6309 WEST JEFFERSON AVE
DETROIT, MI 48209

ST. CLAIR RIVER, MI
RUSSELL ISLAND SHOAL
POST-DREDGE SURVEY
OCTOBER 2019

SHEET IDENTIFICATION

SHEET 11 OF 54