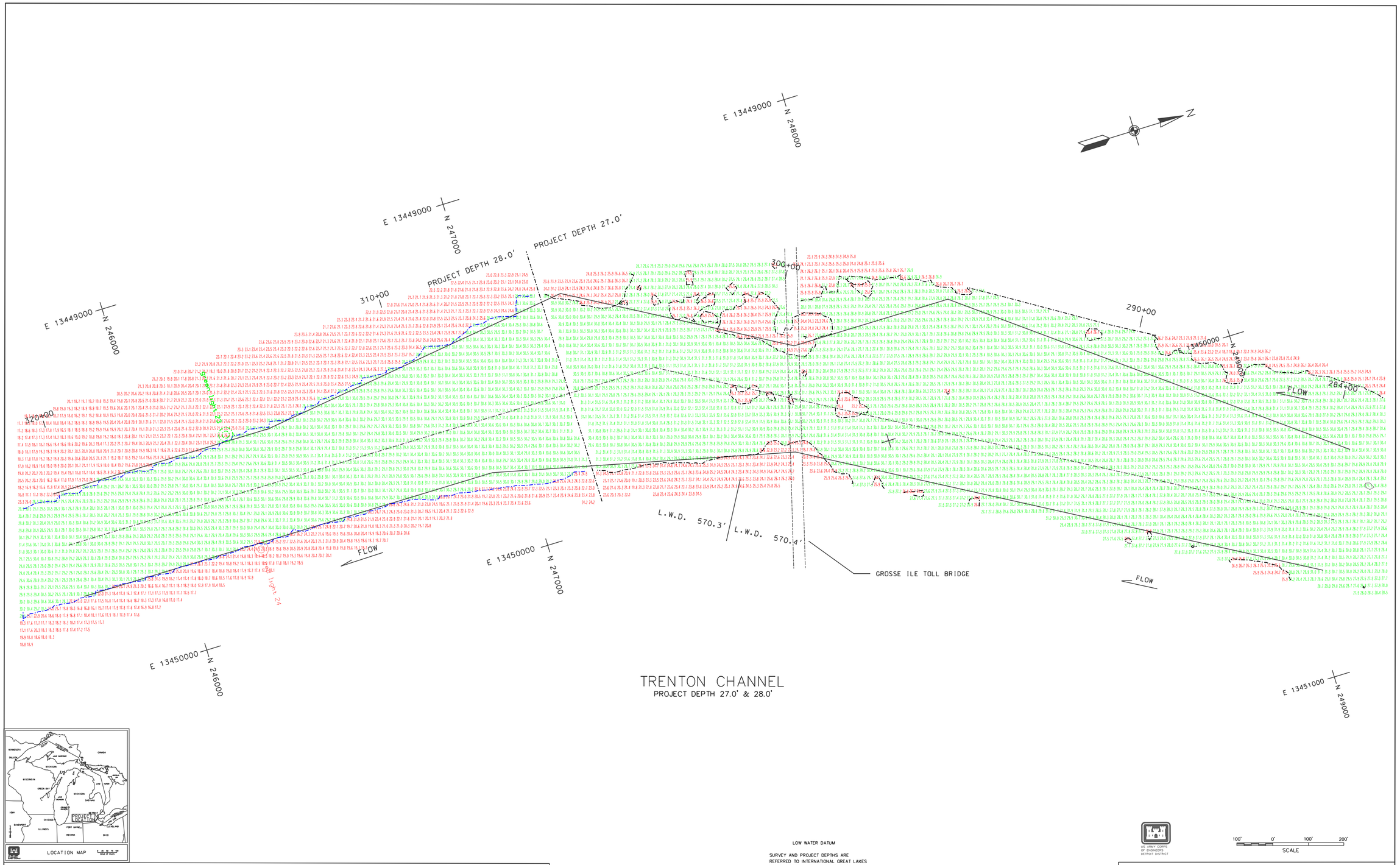
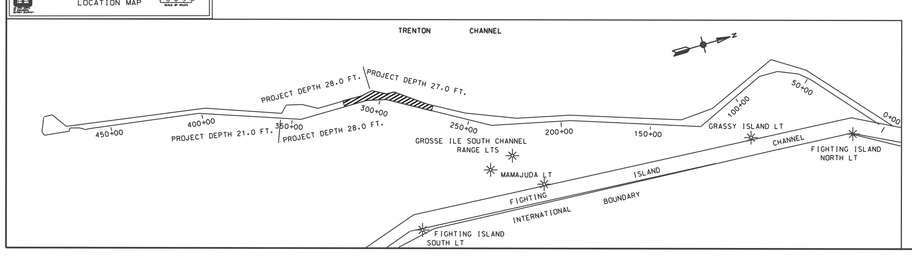


TRENTON CHANNEL

PROJECT DEPTH 27.0' & 28.0'

LOCATION MAP



LEGEND

27 ft. PROJECT DEPTH CONTOUR

28 ft. PROJECT DEPTH CONTOUR

LOW WATER DATUM

SURVEY AND PROJECT DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM, (1985), LOW WATER DATUM.

GRID COORDINATES

GRIDS SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTION TABLES, STATE OF MICHIGAN, SOUTH ZONE (2113), LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM IN U.S. SURVEY FEET.

SURVEY EQUIPMENT USED

POSITIONING:	APPLANIX POS-MV 4
ECHOSOUNDER:	R2 SONIC 2024
SOFTWARE:	HYPACK 2015

THE HYDROGRAPHIC SURVEY WAS CONDUCTED BY JOHN K. PIATT, PS, AND DARREL HENDRICKS ABOARD THE USACE SURVEY VESSEL"WHEELER".

NOTES:

1. THE INFORMATION DEPICTED ON THIS DRAWING REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED THE GENERAL CONDITIONS AT THAT TIME.
2. GAGES USED ARE A WEIGHTED AVERAGE OF GAGES OBTAINED ELECTRONICALLY VIA THE INTERNET FROM THE NOAA GAGES AT WYANDOTTE (72%) AND GIBRALTAR (28%), MICHIGAN.
3. POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON 838, LOCATED AT FORT WAYNE DETROIT, MICHIGAN – FREQUENCY 319 KHZ, 200 BPS
4. EDITED MULTIBEAM SOUNDINGS WERE SORTED INTO A 20 BY 20 FT AVERAGE MINIMUM MATRIX WITH THE DEPTH VALUE PLACED AT THE CENTER OF EACH CELL..

US ARMY CORPS OF ENGINEERS DETROIT DISTRICT

100' 0' 100' 200'
SCALE

U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

DETROIT AREA OFFICE — 06 MAY 2015

DRAWN BY: J.K.P.
CHECKED BY: C.V.L.

TRENTON CHANNEL
DETROIT RIVER, MICHIGAN
C.S. 284+00 TO C.S. 320+00
CONDITION SURVEY

SCALE AS SHOWN

SHEET 9 OF 12

DRAWING NUMBER TRC0713C.dgn