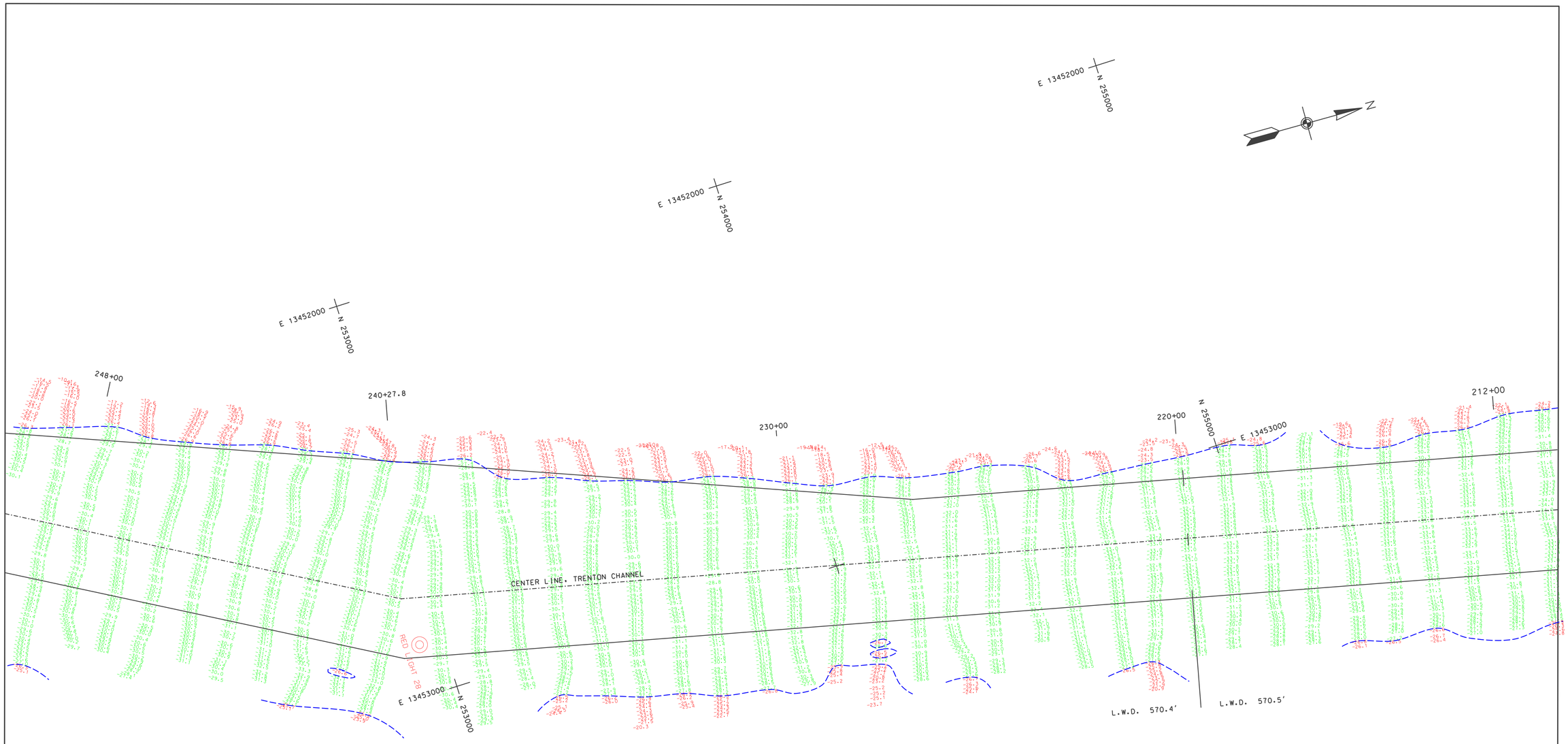
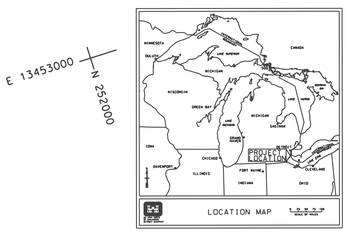
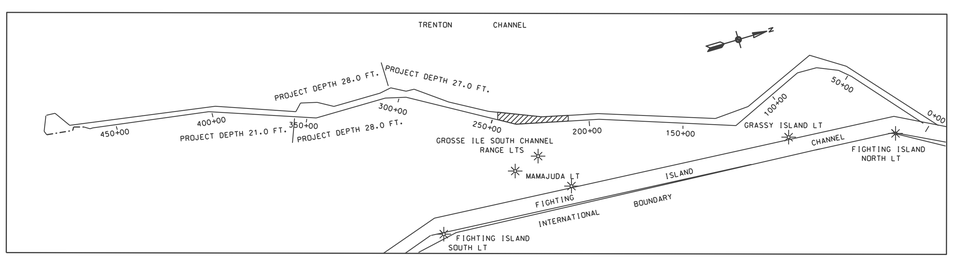




PROJECT DEPTH 27.0'

27.0 ft contour shown thus

E 13454000 N 255000



LEGEND

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THE TIME.

LOW WATER DATUM

ELEVATIONS AND PROJECT DEPTHS ARE AS SHOWN ON THE SHEET. THEY ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM. (1985)

GRID COORDINATES

GRIDS SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTION TABLES. STATE OF MICHIGAN. SOUTH ZONE (2113). LAMBERT PROJECTION. 1983 NORTH AMERICAN DATUM. US SURVEY FOOT

DIRECTIONS

ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.

PROJECT DEPTHS ARE AS SHOWN ON DRAWING.

THE AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED BY JOE PERCELL. PARTY CHIEF. ABOARD THE USACOE SURVEY VESSEL

AUTOMATED EQUIPMENT USED

POSITIONING:	TRIMBLE DGPS
DATA PROCESSOR:	DELL 330 PC
SOFTWARE:	HYPACK
PLOTTER:	CADJET
SONIC SOUNDER:	ODOM CV-300

NOTES:

1. GAGES USED ARE A WEIGHTED AVERAGE OF GAGES OBTAINED ELECTRONICALLY VIA THE INTERNET FROM NOAA GAGES AT WYANDOTTE (89%) AND GIBRALTAR (11%). MICHIGAN.
2. POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON 838. LOCATED AT FORT WAYNE DETROIT. MICHIGAN - FREQUENCY 319 KHZ. 200 BPS
3. DEPTH MEASURED USING ODOM CV-300 WITH 200 KHZ/8 DEGREE TRANSDUCER ECHOSOUNDER SYSTEM AND ODOM DIGIBAR PRO DB1200 VELOCITY PROFILER.

100' 0' 100' 200'
SCALE

NO.	DATE	REVISION	BY

U.S. ARMY ENGINEER DISTRICT. DETROIT
CORPS OF ENGINEERS
DETROIT. MICHIGAN

DETROIT AREA OFFICE — 25 OCTOBER 2011

DESIGNED BY:
DRAWN BY: R. DELESTOWICZ
CHECKED BY:
REVIEWED BY:
SUBMITTED BY: P.E. CHIEF. PROJ OPNS SEC
APPROVED: P.E. CHIEF. CONSTRUCTION - OPERATIONS DIVISION

DETROIT RIVER.MICHIGAN

TRENTON CHANNEL
CS 212+00 TO CS 248+00
CONDITION SURVEY
DETROIT AREA OFFICE

APPROVAL RECOMMENDED: P.E. DATE
CHIEF. OPERATIONS TECHNICAL SUPPORT BRANCH

SCALE AS SHOWN

SHEET 7 OF 14

DRAWING NUMBER TRC0711C.DGN