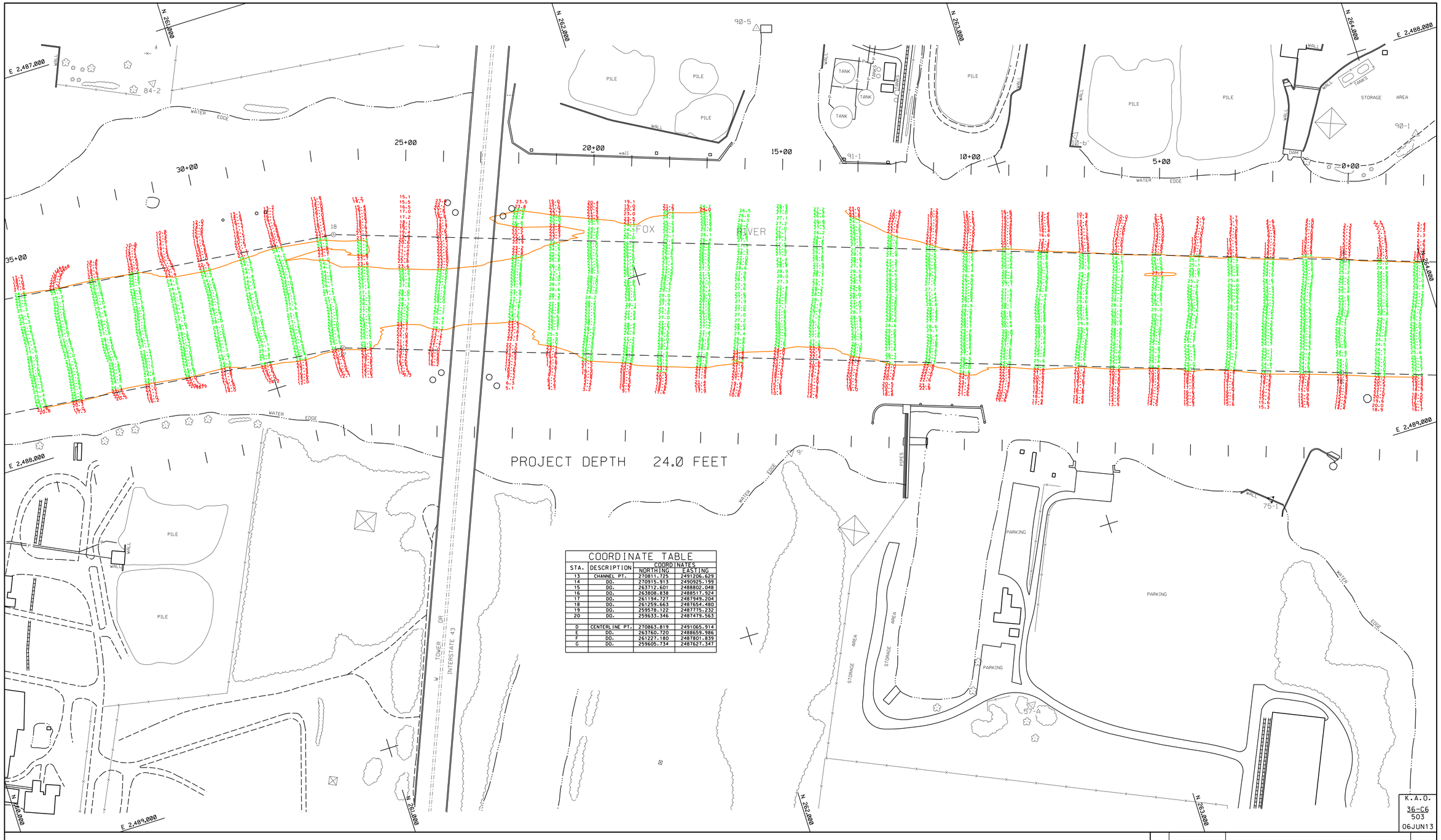
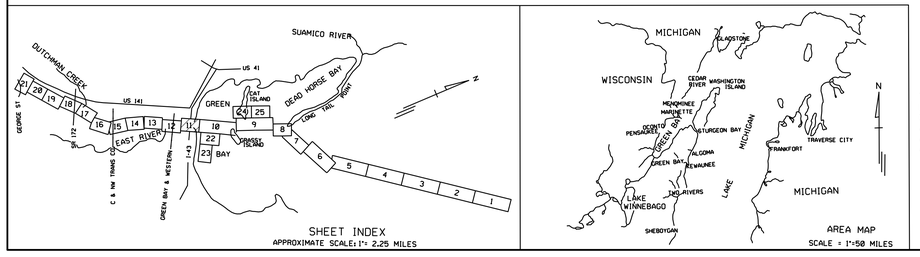


COORDINATE TABLE

STA.	DESCRIPTION	COORDINATES NORTHING	COORDINATES EASTING
13	CHANNEL PT.	270811.725	2491206.629
14	DO.	270915.913	2490925.199
15	DO.	263712.601	2488802.048
16	DO.	263808.838	2488517.924
17	DO.	261194.727	2487949.204
18	DO.	261259.663	2487654.480
19	DO.	259578.122	2487775.232
20	DO.	259633.346	2487479.563
D	CENTERLINE PT.	270863.819	2491065.914
E	DO.	263760.720	2488659.986
F	DO.	261227.180	2487801.839
G	DO.	259605.734	2487627.347



SHEET INDEX
APPROXIMATE SCALE: 1" = 2.25 MILES

AREA MAP
SCALE = 1" = 50 MILES

LEGEND:

- — — PROJECT LIMITS
- △ GPS CONTROL MONUMENT
- △ BRONZE DISK SET IN CONCRETE
- ○ PROJECT LIMIT POINT

THE SURVEY SHOWN WAS CONDUCTED BY THE LAKE MICHIGAN AREA OFFICE, KEWAUNEE SUB OFFICE SURVEY PARTY ON 04 JUNE 2013, USING A TRIMBLE DSM 232 GPS, AN ODOM CV300 SOUNDER, AN INNERSPACE 3° 208KHZ TRANSDUCER, AND A HYPACK HYDROGRAPHIC SURVEY SYSTEM.

NOTES:

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 THAT TIME.

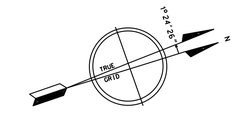
GRID SYSTEM IS ON LAMBERT PROJECTION, WISCONSIN STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983, US SURVEY FOOT.

SOUNDINGS ARE IN FEET AND ARE REFERRED TO LOW WATER DATUM, 577.5 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI, QUEBEC (INTERNATIONAL GREAT LAKES DATUM 1985).

PROJECT DEPTH FOR THIS AREA IS 24.0'.

NOAA GAUGE LOCATED AT GREEN BAY, WI WAS USED TO DETERMINE THE WATER LEVEL.

HORIZONTAL POSITIONING IS DETERMINED USING THE DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS). THE DIFFERENTIAL CORRECTIONS ARE PROVIDED BY U.S. COAST GUARD DIFFERENTIAL BROADCAST STATIONS. SIGNAL STRENGTH IS USED AS THE DETERMINING FACTOR IN DIFFERENTIAL SELECTION.



GRID SCALE FACTOR = 0.999933405

100 0 100 200 300
SCALE 1" = 100'

NO.	DATE	REVISION	BY

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

GREEN BAY HARBOR, WISCONSIN

CONDITION OF CHANNEL - JUN 2013

LAKE MICHIGAN AREA OFFICE

DRAWN BY: K.J.K.
REVIEWED BY: R.D.M.
CHECKED BY: R.L.S.
REVIEWED: CHIEF, LAKE MICHIGAN AREA OFFICE
SUBMITTED BY: CHIEF, PROJ. OPNS. SECTION
APPROVAL RECOMMENDED: CHIEF, DTS BRANCH — DATE
APPROVED: P.E. CHIEF, ENGINEERING & TECHNICAL SERVICES

SCALE 1" = 100'
DRAWING NUMBER
SHEET 11 OF 25
gb111306c