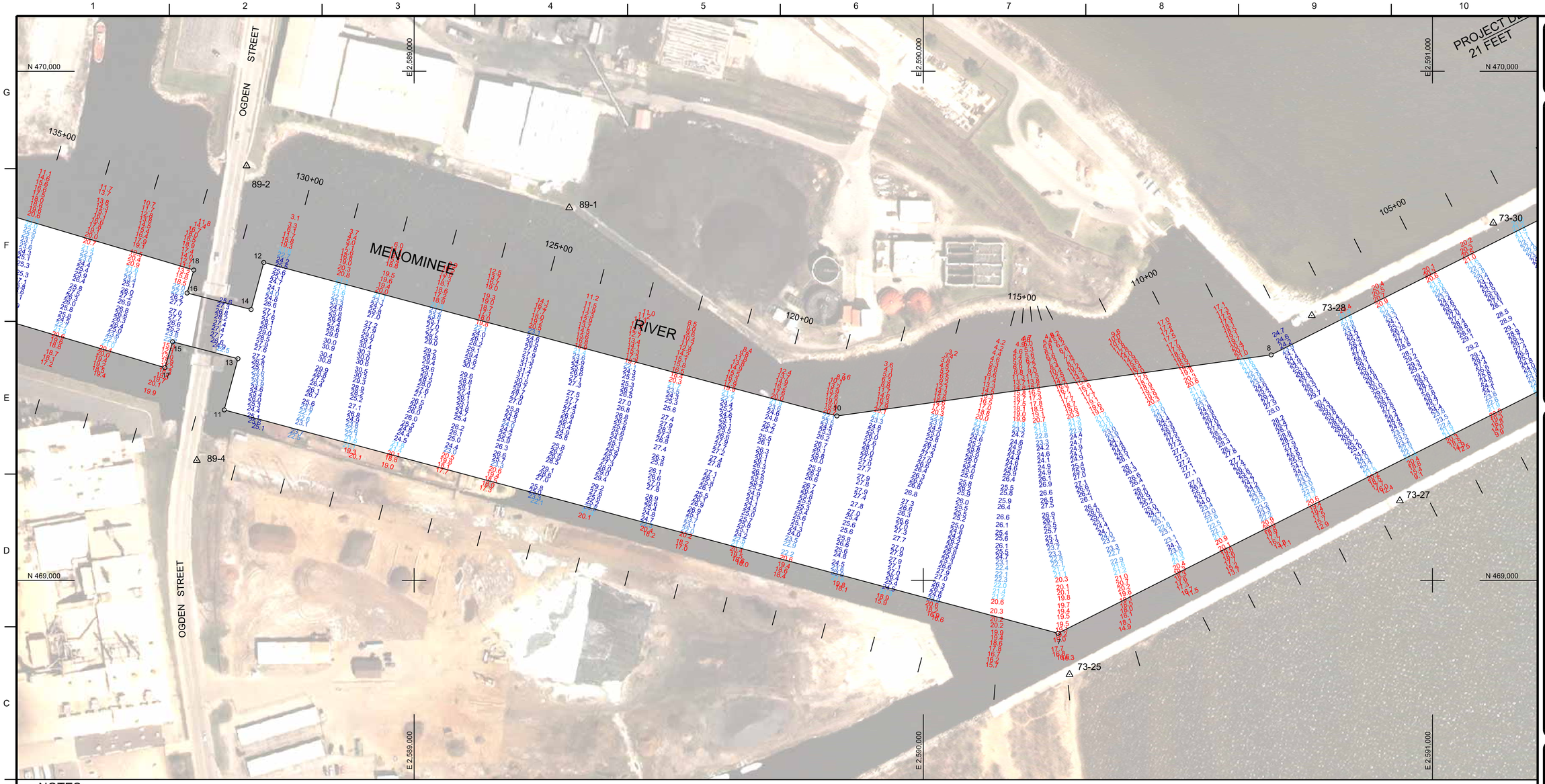



## NOTES:

SURVEY CONTROL AND BENCH MARK DATA IS AVAILABLE FROM THE DETROIT DISTRICT, ENGINEERING & TECHNICAL SERVICES, OPERATIONS TECHNICAL SUPPORT BRANCH, LAKE MICHIGAN AREA OFFICE, KEWAUNEE SUB-OFFICE.

THE COORDINATE GRID SYSTEM SHOWN IS REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, CENTRAL ZONE 4802, NORTH AMERICAN DATUM 1983 (NAD83), US SURVEY FOOT.

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

PROJECT DEPTH FOR THIS AREA IS 21.0'.

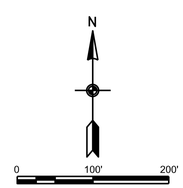
NOAA GAUGE LOCATED AT MENOMINEE, MI WAS USED TO DETERMINE THE WATER LEVEL.

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.

THE SURVEY SHOWN WAS CONDUCTED BY THE LAKE MICHIGAN AREA OFFICE, KEWAUNEE SUB OFFICE SURVEY PARTY ON 25 JULY 2016, USING GPS POSITIONING, AN ODOM CV300 SOUNDER AND A HYPACK HYDROGRAPHIC SURVEY SYSTEM.

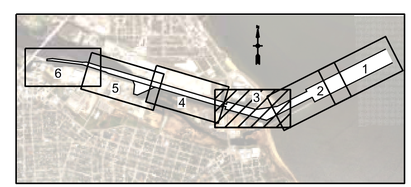
## COORDINATE TABLE

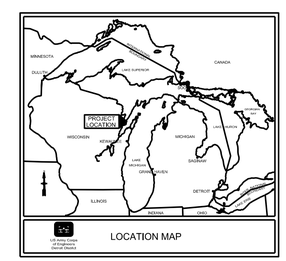
| STA. | DESCRIPTION | NORTHING | EASTING |
|---|---|---|---|
| 3 | CHANNEL PT. | 469622.096 | 2592171.741 |
| 4 | DO. | 470116.415 | 2591819.564 |
| 5 | DO. | 469809.596 | 2592077.234 |
| 6 | DO. | 470036.060 | 2591860.071 |
| 7 | DO. | 468896.001 | 2590264.692 |
| 8 | DO. | 469442.901 | 2590683.256 |
| 10 | DO. | 469322.893 | 2589830.432 |
| 11 | DO. | 469334.749 | 2588627.038 |
| 12 | DO. | 469624.500 | 2588704.666 |
| 13 | DO. | 469435.401 | 2588654.004 |
| 14 | DO. | 469531.989 | 2588679.881 |
| 15 | DO. | 469468.523 | 2588525.581 |
| 16 | DO. | 469564.451 | 2588554.014 |
| 17 | DO. | 469417.805 | 2588510.549 |
| 18 | DO. | 469609.539 | 2588567.379 |
| 19 | DO. | 470206.804 | 2585848.640 |
| 30 | DO. | 470945.904 | 2584058.780 |
| | | | |
| A | CENTERLINE PT. | 471491.688 | 2595081.223 |
| B | DO. | 469055.682 | 2590248.258 |
| C | DO. | 469497.530 | 2588599.033 |
| D | DO. | 470851.566 | 2584030.815 |
| | | | |




21' LEGEND

- 0.0'
- 21.0'
- 22.0'
- 23.0'
- 24.0'
- >24.0'




US Army Corps of Engineers®

| MARK | DESCRIPTION | DATE |
|---|---|---|
| | | |

| | |
|---|---|
| SURVEYED BY: K. KWASNY | ISSUE DATE: 27-Jul-16 |
| DRAWN BY: K. KWASNY | SOLICITATION NO.: |
| REVIEWED BY: | CONTRACT NO.: |
| APPROVED BY: | DRAWING NUMBER: 32-C6132 |
| SIZE: ANSI D | FILE NAME: menwhlp16c.dgn |

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

APPLETON AREA OFFICE
2619 E CAPITOL DRIVE
APPLETON, WI 54911

MARINETTE/MENOMINEE HARBOR
WISCONSIN/MICHIGAN

# CONDITION OF CHANNEL
JULY 2016

SHEET ID

VH103