

| HORIZONTAL CONTROL | | | |
|--------------------|---------------|------------|---|
| STATION | COORDINATES | | |
| | EAST | NORTH | Y |
| MOUTH | 13,465,243.14 | 289,924.25 | |
| 42-A | 13,465,129.22 | 289,598.75 | |
| PAUL | 13,462,452.95 | 290,246.74 | |

| CHANNEL LINE T.P. | | | |
|-------------------|---------------|------------|---|
| T.P. | EAST | NORTH | Y |
| CLTP-1N | 13,465,293.68 | 289,820.27 | |
| CLTP-2N | 13,464,474.03 | 289,964.03 | |
| CLTP-3N | 13,463,893.44 | 290,124.74 | |
| CLTP-4N | 13,462,024.23 | 290,515.05 | |
| CLTP-1S | 13,465,178.17 | 289,609.89 | |
| CLTP-2S | 13,464,448.98 | 289,867.23 | |
| CLTP-3S | 13,463,830.46 | 290,027.39 | |
| CLTP-4S | 13,462,017.13 | 290,414.32 | |

| CENTER LINE T.P. | | | |
|------------------|---------------|------------|---|
| T.P. | EAST | NORTH | Y |
| C/L 0+00 | 13,465,235.92 | 289,715.08 | |
| FLARE | 13,464,461.50 | 289,915.63 | |
| CL=1 | 13,463,841.95 | 290,076.06 | |
| CL=2 | 13,462,020.68 | 290,464.69 | |

NOTES:

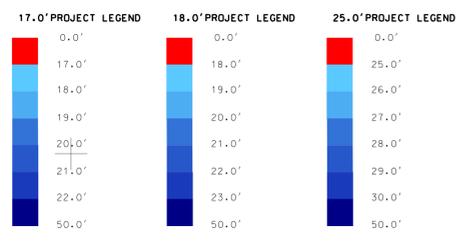
THE SOUNDINGS DEPICTED HEREIN ARE EXPRESSED IN U.S. SURVEY FEET AND TENTHS THEREOF AND ARE REFERENCED TO THE FOLLOWING DATUMS:
 HORIZONTAL: MICHIGAN STATE PLANE COORDINATE SYSTEM, MICHIGAN SOUTH ZONE #2113, NORTH AMERICAN DATUM (NAD) OF 1983.
 VERTICAL: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985.

ALL SOUNDINGS ARE IN FEET AND ARE REFERENCED TO LOW WATER DATUM ELEVATION, 571.1 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI, QUEBEC (INTERNATIONAL GREAT LAKES DATUM 1985).

TOP OF 5 FOOT GAGE BOARD LOCATED AT THE DIX BRIDGE 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.

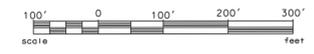
THE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY SKIFF EMPLOYING THE FOLLOWING COMPONENTS:
 POSITIONING: TRIMBLE BLUE W/DGPS CORRECTIONS
 SONAR: DDOM CV-300
 SOFTWARE: HYPACK 2013



17 FT. CONTOUR

18 FT. CONTOUR

25 FT. CONTOUR



| NO. | DATE | REVISION | BY |
|-----|------|----------|----|
| | | | |

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

ROUGE RIVER, MICH.
 CONDITION SOUNDINGS
 C.S. 0+00 TO C.S. 33+00
 21 JULY 2015
 DETROIT AREA OFFICE

DESIGNED BY: B. ROSE
 CHECKED BY: C.V.L.
 REVIEWED:

APPROVAL RECOMMENDED: _____
 DATE: _____

APPROVED: _____
 CHIEF, CONST-OPNS DIVISION

SCALE 1" = 100'
 DRAWING NUMBER: _____
 SHEET L OF 2