NOTES

1. THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE 10 FOOT BY 10 FOOT AREA CENTERED AROUND THE TEXT. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.
2. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1955 (IGLD 55). LOW WATER DATUM ZERO IS 577.0 FEET ABOVE MEAN WATER LEVEL AT FATHER POINT QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED GAUGE LOCATED AT THE USACE LOWER DAM. DEPTHS ARE MEASURED USING AN R2SONIC 2024 MULTIBEAM SONAR.
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON DECEMBER 2, 2015 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
4. THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION AND CANNOT BE CONSIDERED FOR NAVIGATION.
5. HORIZONTAL POSITIONING IS DETERMINED USING THE DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS). THE DIFFERENTIAL CORRECTIONS ARE PROVIDED BY U.S. COAST GUARD DIFFERENTIAL BROADCAST STATIONS LOCATED AT PICKFORD, AND CHEBOYGAN MI. SIGNAL STRENGTH IS USED AS THE DETERMINING FACTOR IN DIFFERENTIAL SELECTION. THE DGPS RECEIVER IS MANUFACTURED BY STARLINK, INC. MODEL DNAV 212, SERIAL NO. 292. THIS IS A SINGLE FREQUENCY RECEIVER (C/A, L1 CODE) WITH ADVERTISED POSITIONAL ACCURACY OF 1-3 METERS RMS.
6. GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111), NORTH AMERICAN DATUM 1983 (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET. CROSS SECTIONS AND RANGES ARE REFERRED TO COURSE 6 WEST NEEBISH CHANNEL.
7. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 28.5' BELOW LOW WATER DATUM.
8. AERIAL PHOTOGRAPHY IS 30CM RESOLUTION AND WAS COLLECTED AUGUST 19, 2008.

LEGEND

	0.0'
	28.5'
	29.0'
	29.5'
	30.0'
	30.5'
	31.0'
	31.5'
	100.0'

100' 50' 0 100' 200'

SCALE: 1"=100'

FLOW

F 26,956,000 N 555,000

F 26,952,000 N 555,000

F R 3414 SW "26"

F G 4114 SW "25"

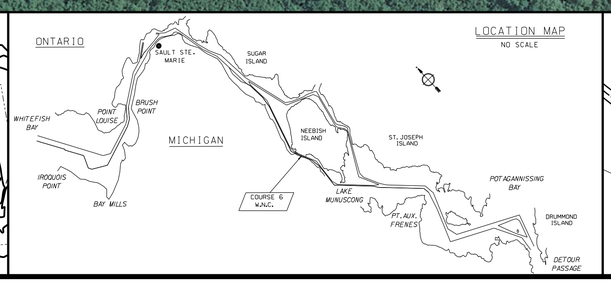
150' E

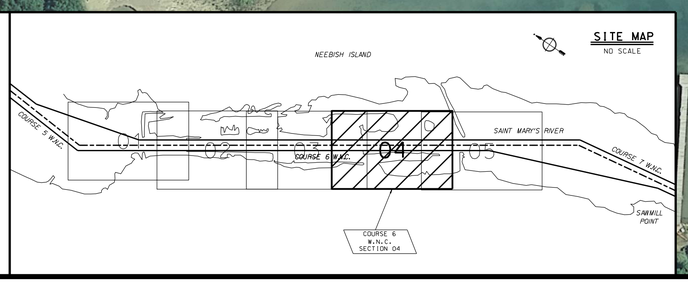
150' W

C.S. 100+00

C.S. 75+00

℄ COURSE 6 WEST NEEBISH CHANNEL





US Army Corps of Engineers
Detroit District

Rev.	Description	Date Appr.	Chief

Survey Dated: Dec. 2, 2015
Design File Name: S:\Survey\Projects\Design\Drawing Codes\
Surveyed by: J. Wojdek
Drawn by: M. Lis
Qcd by:
Reviewed by:
Submitted by:
Plotted: 01-25-16
Plot Scale: 1"=100'
Plot Speed: Medium
Horiz. Datum: NAD83
Vert. Datum: IGLD55
Field Book No.:

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

Approved and Recommended for Approval:
Chief, Operations Division
Approved by:
Chief, Engineering Division
Approved by:
Chief, Real Estate Division
Approved by:
Acting Chief, Planning Division
Approved by:
Chief, Programs Management Division
Approved by:
Chief, Construction Division
Approved by:
Chief, Contracting Division
Approved by:
Chief, Regulatory Division
Approved by:
Chief, Environmental Branch
Approved by:
Chief, Navigation Section
Approved by:
Chief, Hydraulics Section
Approved by:
Chief, Survey Section
Approved by:
Chief, Geotechnical Section
Approved by:
Chief, Engineering Section
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Chief, Engineering Section
Approved by:
Chief, Planning Section

SOO AREA OF THE SAINT MARY'S RIVER FEDERAL NAVIGATION CHANNEL

COURSE 6 WEST NEEBISH CHANNEL SURVEY SECTION 04 C.S. 75+00 TO C.S. 100+00 CONDITION SURVEY

Sheet reference number:
C6W-04
Sheet 04 of 05