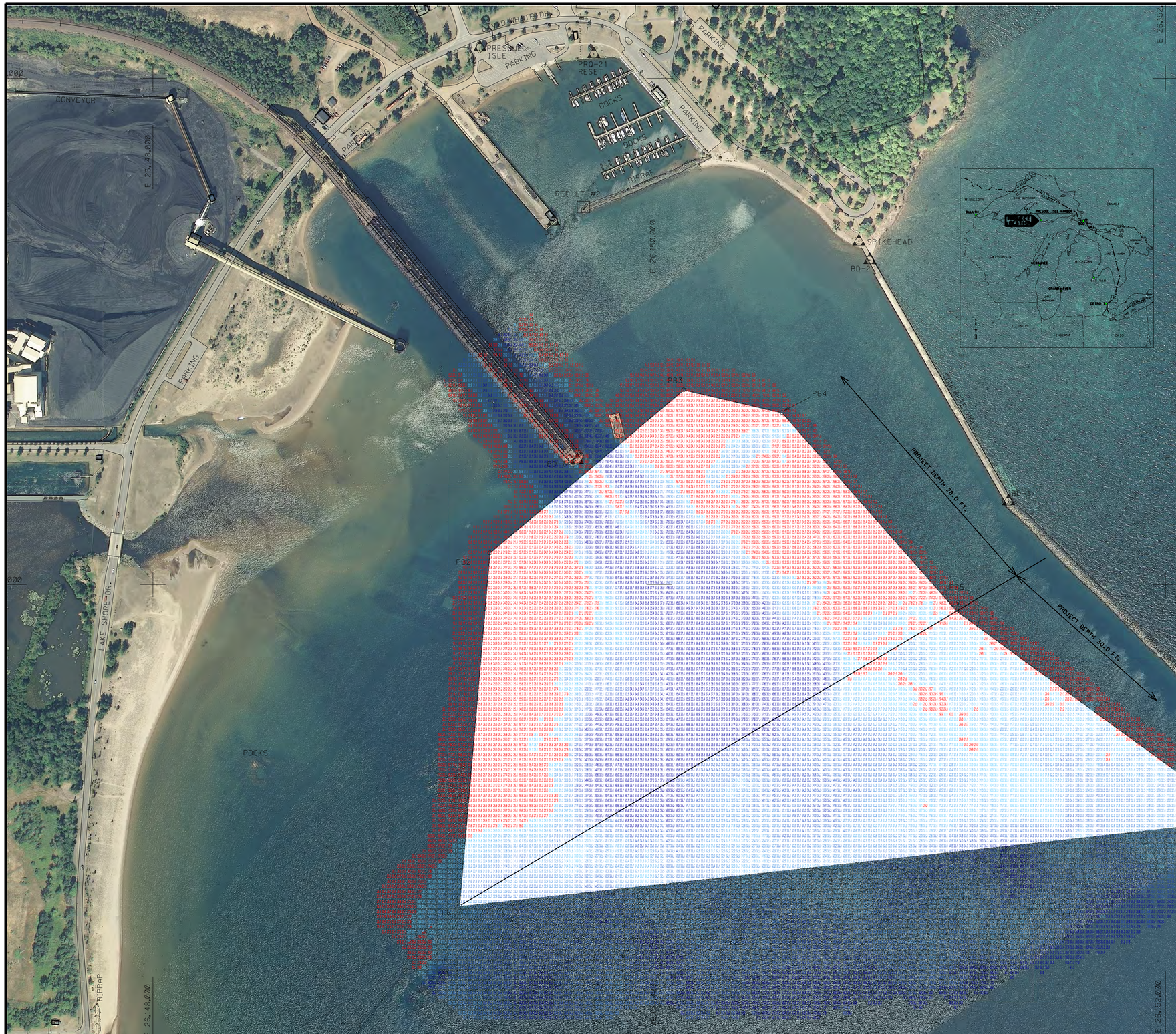

GENERAL NOTES

1. THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE 20 FOOT BY 20 FOOT AREA CENTERED AROUND THE TEXT. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICE TO NAVIGATION INTERESTS
2. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 601.1 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED NOAA GAUGE (9018) LOCATED AT MARQUETTE HARBOR, MICHIGAN. DEPTHS ARE MEASURED USING AN R2SONIC 2024 MULTIBEAM SONAR.
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON APRIL 11, 2016 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
4. 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. THE DGPS RECEIVER IS MANUFACTURED BY APPLANIX MARINE POS/MV VER. 4.0.
5. GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111). NORTH AMERICAN DATUM (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
6. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 28.0 & 30.0 FEET BELOW LOW WATER DATUM

200' 0 200' 400'

SCALE: 1" = 200'

N

28.0' LEGEND	30.0' LEGEND
0.0'	0.0'
28.0'	30.0'
29.0'	31.0'
30.0'	32.0'
31.0'	33.0'
32.0'	34.0'
33.0'	35.0'
34.0'	36.0'
50.0'	50.0'

CHANNEL CONTROL

STATION	COORDINATES	
	NORTHING	EASTING
PB1	652729.74	26149211.37
PB2	654125.43	26149331.57
PB3	654769.21	26150096.68
PB4	654678.89	26150486.32
PB5	653895.36	26151175.85
PB6	653071.60	26152303.26

SURVEY CONTROL

STATION	DESCRIPTION	COORDINATES		ELEVATION
		NORTHING	EASTING	
LIGHT	BRASS DISK	653249.81	26152458.06	616.85
PRO-21 RESET	BRASS DISK	656095.93	26149741.95	605.09
BD-1	BRASS DISK	654328.86	26151380.64	609.25
BD-2	BRASS DISK	655282.36	26150832.52	609.53
BD-6	BRASS DISK	654492.15	26149676.49	
BD-7	BRASS DISK	655434.12	26149582.82	608.22
SPIKEHEAD	BRASS BOLT	655355.07	26150789.10	609.55
PRESQUE ISLE	BRASS DISK	656122.00	26149292.43	606.85

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.
1	ACCORDANCE W/MODIFICATION NO. 1	7/1/2005	TSS

SURVEYED BY: J. Mrosek
DATE: 2016/06/10
DWN BY: JSM
CKD BY:
SCLICITATION NO.:
SUBMITTED BY:
CONTRACT NO.:
PLOT SCALE: 1" = 200'
ISSUE DATE:
FILE NUMBER:
SIZE: ANSI D
FILE NAME: Phx101c161.dgn

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

SOO AREA OFFICE
ST MARYS RIVER SECTION
119 EAST WATER STREET
SAULT STE. MARIE, MI 49783

PRESQUE ISLE HARBOR
MARQUETTE MICHIGAN
FEDERAL NAVIGATION CHANNEL

APRIL 11, 2016
CONDITION SURVEY

SHEET IDENTIFICATION
PIH-01
SHEET 1 OF 1