



US Army Corps
of Engineers®

Detroit District
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Detroit, MI 48231-1027
(313) 226-6796
FAX - (313) 226-3519

Notice to Navigation Interests

Notice No. L02-30

Date: 14 JUNE 2002

Waterway: LAKE SUPERIOR

Location: MICHIGAN

CELRE-OT-T

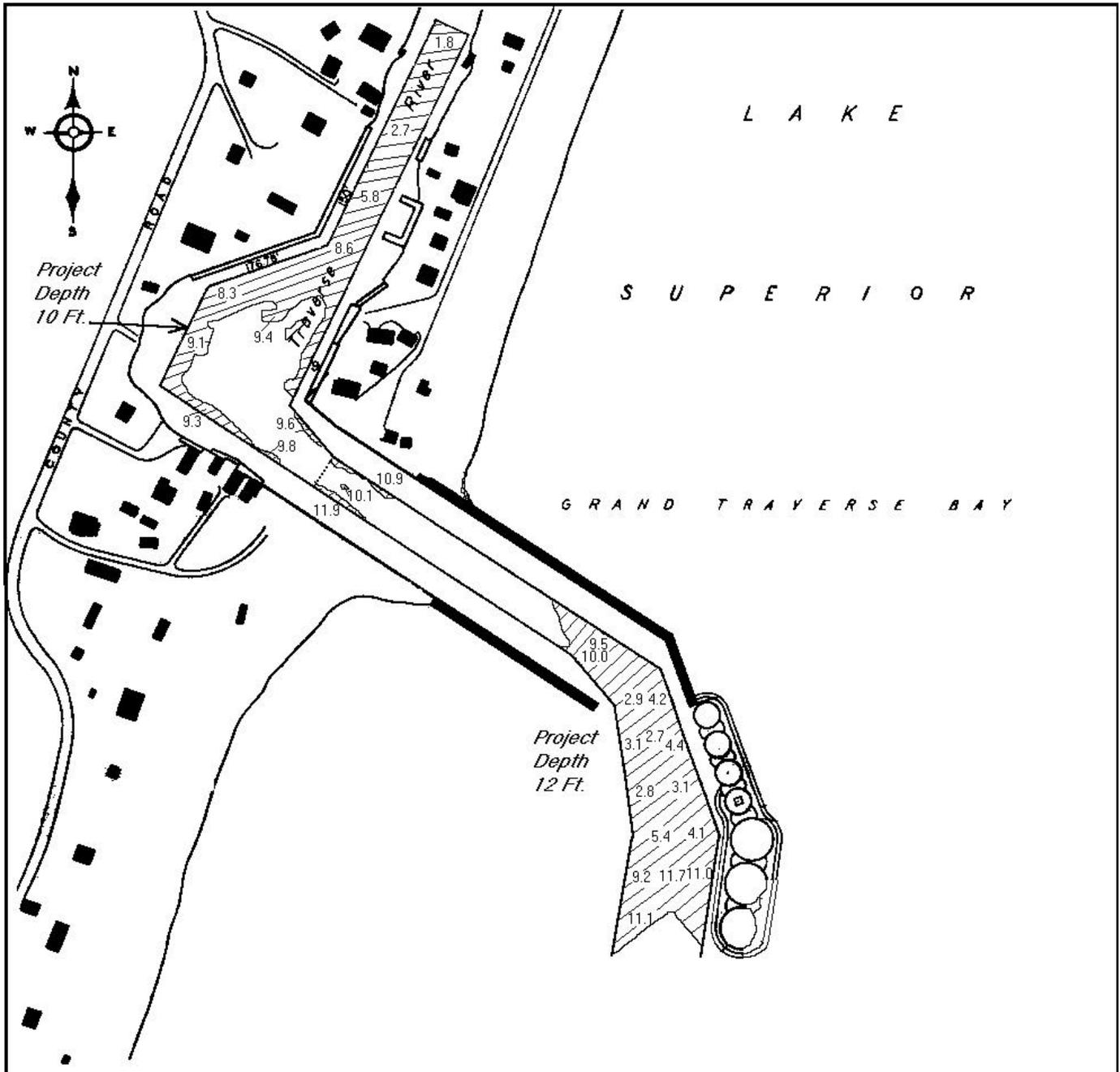
CONDITION OF FEDERAL NAVIGATION CHANNEL
GRAND TRAVERSE BAY HARBOR

1. Condition surveys performed within the Federal navigation channel at Grand Traverse Bay Harbor, Michigan during June 2002, indicate shoaling as shown on the back of this sheet.
2. Mariners are urged to use extreme caution in the area.
3. All inquiries should be addressed to CELRE-OT-T and should refer to Notice to Navigation Interests No. L02-30. Internet address: <http://huron.lre.usace.army.mil/OandM/o&m.html>

RICHARD J. POLO, JR.
Lieutenant Colonel, U.S. Army
District Engineer

Notice to the Postmaster:

It is requested that the above notice be conspicuously and continuously posted until November 30, 2002.



Soundings are in feet and are referred to Low Water Datum 600.0 ft. above Mean Water Level at Father Point, Quebec, IGLD, 1955.



Shoals indicate least available depth below IGLD.

The information depicted on this map represents the results of surveys made on the date indicated and can only be considered as indicating the general conditions existing at that time.

Surveys taken: JUNE 2002

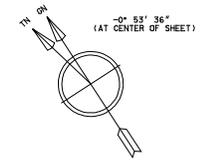
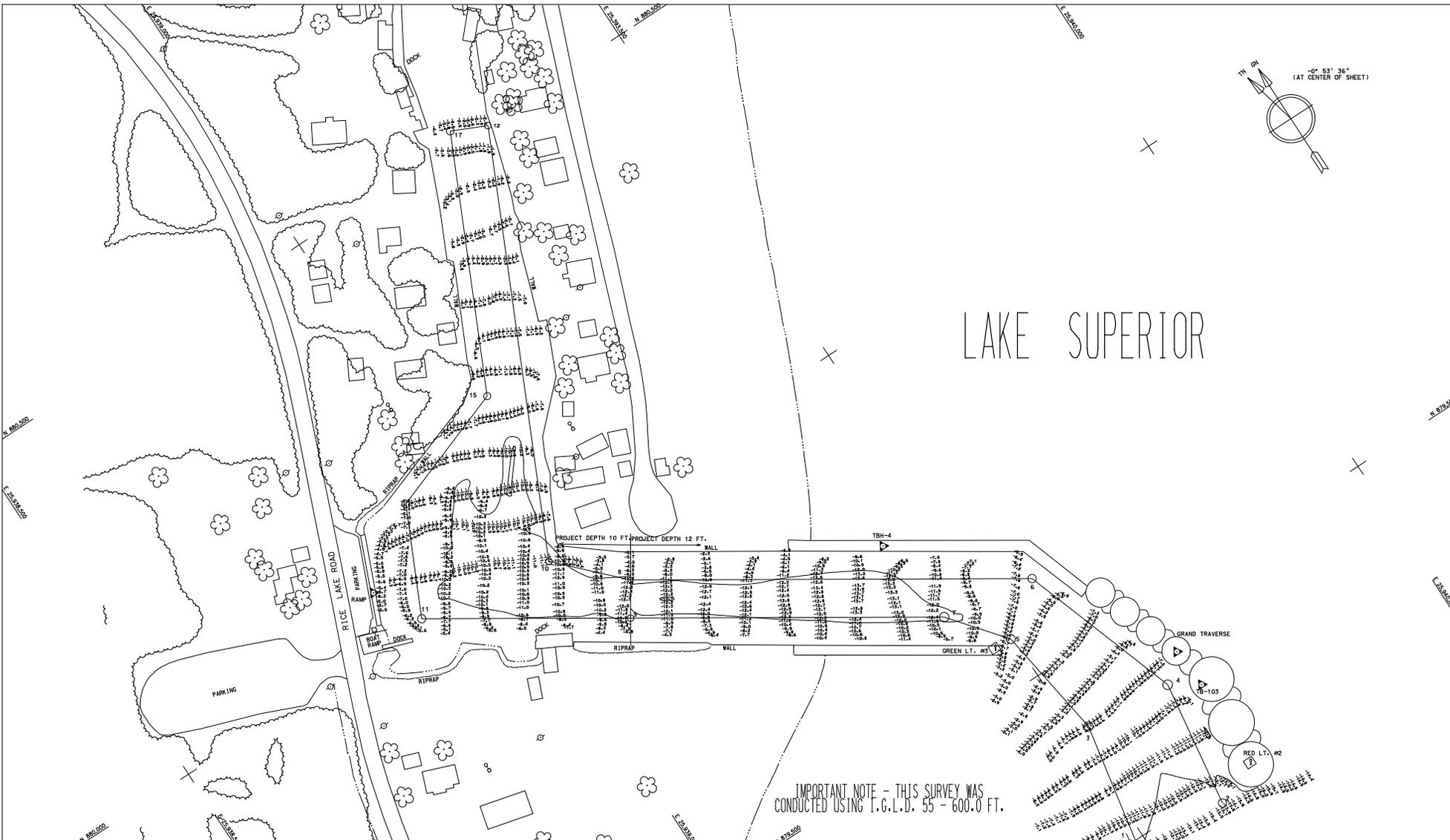
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GRAND TRAVERSE BAY HARBOR,
MICHIGAN

CONDITION OF CHANNEL

ISSUED: 14 JUNE 2002

U.S. ARMY ENGINEER DISTRICT,
DETROIT



LAKE SUPERIOR

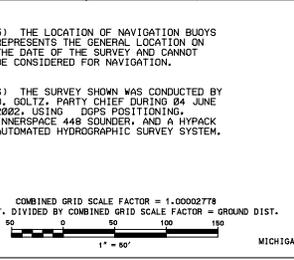
IMPORTANT NOTE - THIS SURVEY WAS CONDUCTED USING T.G.L.D. 55 - 600.0 FT.



SURVEY CONTROL			
STA.	DESCRIPTION	NORTHING	EASTING
TB-103	BRASS DISC	879272.96	25939672.66
G. TRAVERSE	ALUM. DISC	879426.76	25939669.11
RAMP	BRASS DISC	880065.09	25939652.25
TBH-4	R/R SPIKE	879752.56	25939423.25
NAV. AID	RED LT. #2	879250.00	25939669.11
NAV. AID	GREEN LT. #5	879558.19	25939471.90

CHANNEL CONTROL			
STA.	NORTHING	EASTING	COORDINATES
PT1	879178.7	25939473.7	PT13(88040.2) 2593931.1
PT2	879228.7	25939610.9	PT15(88019.3) 25939087.4
PT3	879408.2	25939513.4	PT17(88016.4) 25939246.4
PT4	879397.2	25939635.4	
PT5	879559.5	25939496.5	
PT6	879610.4	25939561.1	
PT7	879631.1	25939459.4	
PT8	879696.2	25939122.9	
PT9	879854.1	25939095.5	
PT10	879975.1	25939046.7	
PT11	188003.2	25939866.5	
PT12	1880495.1	25939292.0	

- NOTES
- 1) 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 PRESENT AT THAT TIME.
 - 2) ALL SOUNDINGS ARE IN FEET AND ARE REFERENCED TO LOW WATER DATUM ELEVATION 600.0 ABOVE MEAN SEA LEVEL, I.G.L.D. 1955.
 - 3) PROJECT DEPTHS FOR THIS AREA ARE 12' & 10'
 - 4) THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, NORTH ZONE (2111), NORTH AMERICAN DATUM 1983 (NAD 83), US FOOT.
 - 5) THE LOCATION OF NAVIGATION BUOYS REPRESENTS THE GENERAL LOCATION ON THE DATE OF THE SURVEY AND CANNOT BE CONSIDERED FOR NAVIGATION.
 - 6) THE SURVEY SHOWN WAS CONDUCTED BY D. GOLTZ, PARTY CHIEF DURING 04 JUNE 2002, USING DGPS POSITIONING, INERSPACE 448 SOUNDER, AND A HYPACK AUTOMATED HYDROGRAPHIC SURVEY SYSTEM.



- LEGEND
- HORIZONTAL CONTROL POINT
 - DREDGING LIMIT TURNING POINT
 - CHANNEL LINE TURNING POINT
 - HARBOR LINE
 - CHANNEL LINE
 - DREDGING LIMIT
 - SHORELINE
 - PROJECT DEPTH CONTOUR
- HORIZONTAL DATUM BASED ON MICHIGAN STATE PLANE COORDINATE SYSTEM, MICHIGAN LAMBERT PROJECTION, NORTH ZONE, NORTH AMERICAN DATUM 1983 (NAD 83), US FEET

NO.	DATE	REVISION	BY

DESIGNED BY: _____

DRAWN BY: _____

CHECKED BY: _____

REVIEWED BY: _____

SUBMITTED BY: _____

APPROVED: _____

CHIEF, PROJ. OPS. SEC. _____ CHIEF, DTS BRANCH _____

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

GRAND TRAVERSE HARBOR
 MICHIGAN

CONDITION SURVEY - JUNE 2002

DULUTH AREA OFFICE DULUTH, MN

APPROVAL RECOMMENDED: _____ DATE _____

SCALE AS SHOWN 1" = 50'
 CADD FILE NAME: G01GRTRV.DWG
 DRAWING NUMBER _____

SHEET 1 OF 1
 GRD TRV 7570/68