Notice to Navigation Interests

US Army Corps
of Engineers
Buffalo District
1776 Niagara Street
Buffalo, New York 14207-3199

L 12 –27	September 6, 2012
Notice No.	Date

Waterway

Lake Erie, Ohio

LRB-TD-ONS

Condition of Federal Navigation Channel
Toledo Harbor, Toledo, Ohio

1. Condition surveys performed within the Federal Navigation Channel at Toledo Harbor and Maumee River, Ohio during the months of May thru August 2012 indicate shoaling has reduced depths to those shown on the attached standard tabular form and channel condition drawings.

2. Soundings are in feet and referred to Low Water Datum (LWD) 569.2 feet above Mean Water Level (MWL) at Rimouski, Quebec (International Great Lakes Datum 1985).

3. Vessel operators are advised to use caution when navigating in this area.

4. Copies of the sounding print for Toledo Harbor, Ohio consisting of (9) sheets, VH101 thru VH1010, at a cost of $2.50 per sheet will be furnished upon receipt of a check in the full amount made payable to: USACE Finance and Accounting. Requests should be addressed to: District Commander, U.S. Army Engineer District, Buffalo, ATTN: NY/PA O&M Office, 1776 Niagara Street, Buffalo, New York 14207, requesting exact number or copies of sheets by file number. A point of contact and phone number must be indicated to facilitate response to the request. To download the same information and other related materials at no cost, simply point your web browser to http://www.lrb.usace.army.mil/WhoWeAre/WaterMgmt/survey/survey.html click on the year and then locate the harbor on the table of harbors.

5. Buffalo District's point of contact in reference to the exact number of sheets, file number, and the availability of any later information pertaining to the area is Mr. Roman H. Figler III, PLS, Chief, Survey Section, Buffalo District, who may be contacted by phone at 716-879-4429.

FIGLER.ROMAN.H.III.1384329531

Digitally signed by FIGLER.ROMAN.H.III.1384329531
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=FIGLER.ROMAN.H.III.1384329531
Date: 2012.09.06 08:25:22 -04'00'

Mr. ROMAN H. FIGLER III, PLS
Chief, Survey Section
NY/PA Operations and Maintenance Office

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER-1330-2-316)	PAGE 2 OF 5 PAGES DATE September 6, 2012
TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS, DATED: September 6, 2012	FROM: U.S. ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT 1776 NIAGARA STREET, BUFFALO, NY 14207-3199 (716) 879-4292 FAX (716) 879-4356

RIVER/HARBOR NAME AND STATE: **TOLEDO HARBOR AND MAUMEE RIVER**, TOLEDO, OHIO

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)	LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
SHALLOWEST DEPTHS AS PER DRAWING					1	2	3	4
(A) ENTRANCE CHANNEL.	Jul-12	500	4 (a)	28	25.6 (1)	28+	28+	25.2 (2)
(B) ENTRANCE CHANNEL CONTINUES.	May-12	500	5	28	23.0 (3)	26.7	26.7	19.3
(C) ENTRANCE CHANNEL CONTINUES.	May-12	500	5	28	24.5 (4)	25.5	23.5	19.0 (5)
(D) ENTRANCE CHANNEL CONTINUES.	Jun-12	500 – 950	2 (b)	28	23.2 (6)	24.4	24.8	14.0
(K) ENTRANCE CHANNEL WIDENING WEST SIDE FROM STA, 388+14 TO STA. 460+50.	N/A	0 - 480	7200	28	N/A			

FOOT NOTES:

(1) Shoaling to 24.76 within 5' of Left limit (x=1773550.79 y=782928.48) 41.81338101 N 83.2151062 W

(2) Shoaling to 24.83 within 0' of Right limit (x=1759072.00 y=774582.48) 41.79014113 N 83.2679446 W

(3) Shoaling to 22.55 within 6' of Left limit (x=1740960.97 y=762837.57) 41.7574556 N 83.33393966 W

(4) Shoaling to 20.21 within 1' of Left limit (x=1715843.44 y=747347.24) 41.71425326 N 83.42538748 W

(5) Shoaling to 16.37 within 2' of Right limit (x=1720792.62 y=750962.75) 41.72431733 N 83.40739956 W

(6) Shoaling to 22.72 within 7' of Left limit (x=1707928.34 y=742474.02) 41.70064652 N 83.45418002 W

NOTE: SECTION "K" IS AN AREA OF THE ENTRANCE CHANNEL THAT IS A WIDENING ON THE WEST SIDE FROM STATION 388+14 TO 460+50.

REMARKS: (a) LENGTH VARIES DEPENDING ON THE LOCATION OF THE 28 FOOT CONTOUR IN LAKE ERIE.

(b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS.

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS LESS THAN 400 FEET WIDE) (ER-1330-2-316)	PAGE 3 OF 5 PAGES DATE September 6, 2012
TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS, DATED: September 6, 2012	FROM: U.S. ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT 1776 NIAGARA STREET, BUFFALO, NY 14207-3199 (716) 879-4292 FAX (716) 879-4356
RIVER/HARBOR NAME AND STATE: **TOLEDO HARBOR AND MAUMEE RIVER**, TOLEDO OH	MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (feet)	DEPTH (feet)			
SHALLOWEST DEPTHS AS PER DRAWING					1	2	3
(E) MAUMEE RIVER CHANNEL, FROM THE END OF THE ENTRANCE CHANNEL TO THE UPSTREAM END OF THE LOWER TURNING BASIN.	May-12	400-100	14,000 (c)	27	10.6	12.0	8.4
(F) LOWER TURNING BASIN.	Aug-12	350	1300 (b)	10	10.2		
(G) MAUMEE RIVER CHANNEL, FROM THE UPSTREAM END OF THE LOWER TURNING BASIN TO THE UPSTREAM END OF THE MIDDLE TURNING BASIN.	Jul-12	200 300-400	18,900 (c)	27	12.6	11.4	9.7 (1)
(I) MAUMEE RIVER CHANNEL, FROM THE UPSTREAM END OF THE MIDDLE TURNING BASIN TO THE UPSTREAM LIMITS OF NAVIGATION.	Aug-12	200	2600	25*	5.3 (2)	7.1	9.9
(J) UPPER TURNING BASIN.	Jul-12	800	1100 (b)	18	10.7		

(1) Shoaling to 7.46 within 2' of Right limit (x=1687454.29 y=725359.31) 41.65304292 N 83.52840769 W

(2) Shoaling to 5.03 within 3' of Left limit (x=1683991.06 y=714460.02) 41.62302089 N 83.54060337 W

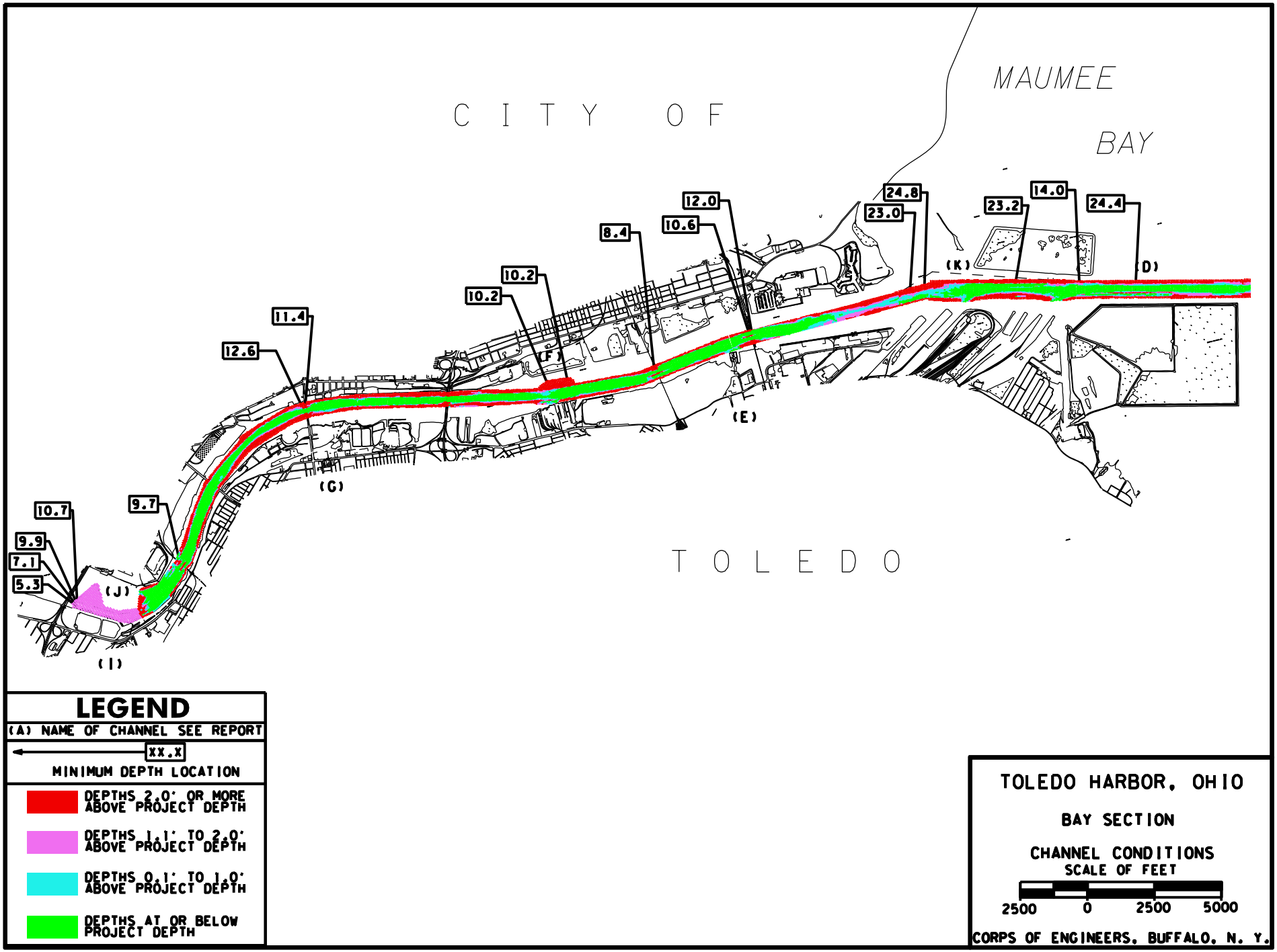
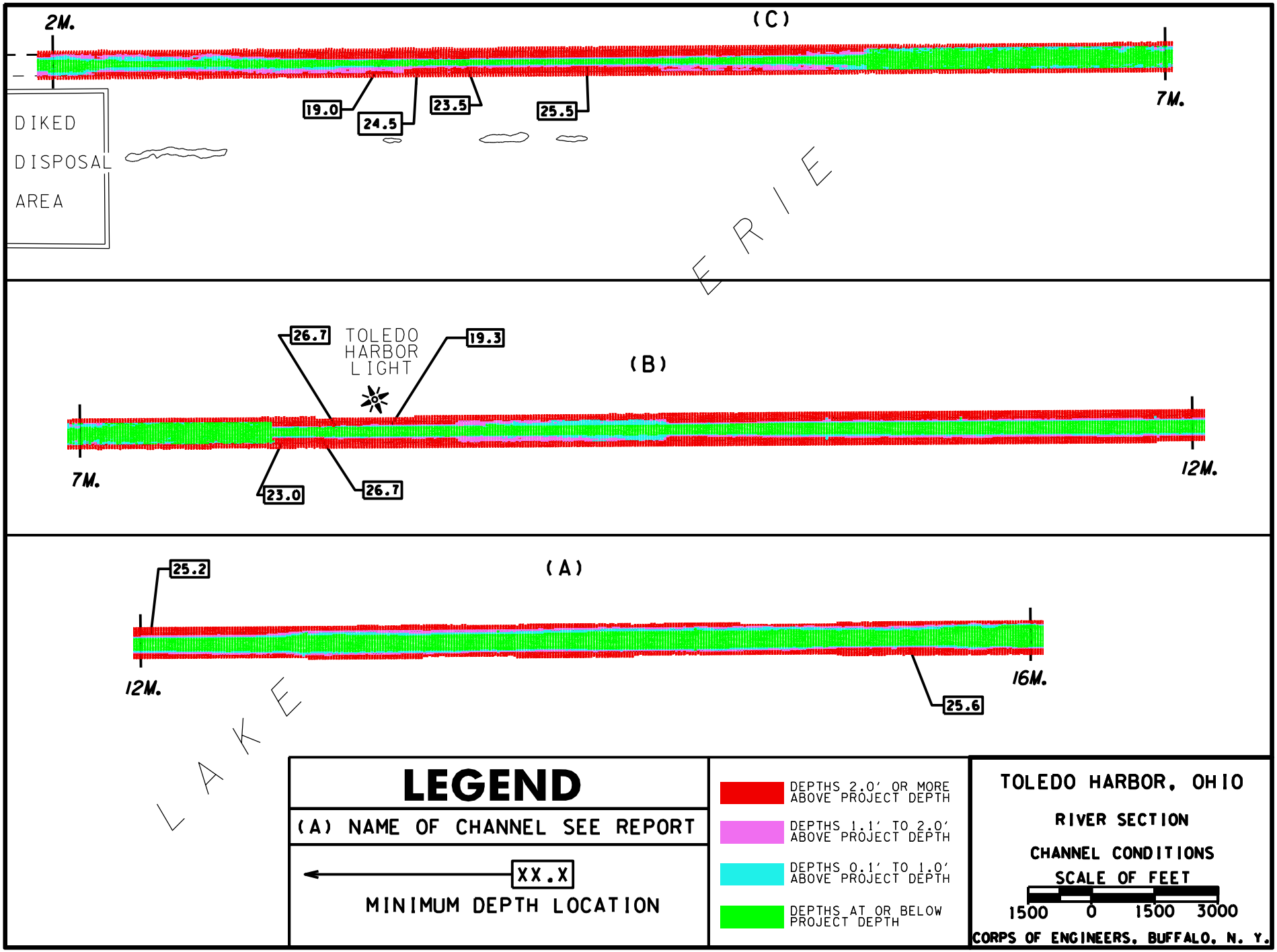
NOTE: SECTION “G” HAS A LEAST WIDTH OF 200 FEET THRU THE CENTER, AND 25 FOOT DEPTHS IN STREET BRIDGE, THEN WIDENING TO 300 FEET ON THE SOUTHEAST TO THE PENN-CENTRAL RAILROAD BRIDGE, THEN WIDENING TO THE FULL 400 FOOT CHANNEL WIDTH.

REMARKS: (*) NOT MAINTAINED.

(b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS.

C) WINDING RIVER CHANNEL, NARROWING AT BRIDGES & WIDENING AT CURVES.

TO ACCOMPANY LOCAL NOTICE TO NAVIGATION DATED Sept. 6, 2012. L12 - 27.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