Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2838

SOIL BORING LOG

PAGE 4 of 4
DATE 7/11-12/2011
LOGGED BY DR
GSI JOB No. 10019

ROUTE Bridge Street
DESCRIPTION Bridge St. Over North Shore Channel, IDOT Pri. No. BRM-9003(008)
SECTION 08-00251-00-BR
LOCATION Section 12, T 41 N, R 13 E, Evanston Township, 3rd PM
COUNTY Cook
DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE CME Automatic

STRUCT. NO. 016-6953
Station 99+16.50 to 100+83.50
BORING NO. B-02
Station 99+06
Offset 36.5' Left
Ground Surface Elev. +20.0 CCD

Surface Water Elev. --
Stream Bed Elev. --
Groundwater Elevation:
First Encounter
Upon Completion
After ____ Hrs.

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Recovery=99.5% RQD=79.0% 100% Water Loss @ -113.0'	RUN 1						
-103.0							
End Of Boring @ -123.0' Hollow Stem Augers To -10.0' Rotary Drilling To Completion 10.0' Of 4.0"ø Casing Used 115.0' Of 3.0"ø Casing Used CME Automatic Hammer							
-125				-145			
-130				-150			
-135				-155			
-140				-160			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

benesch
engineers · scientists · planners
Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10055.02

FILE NAME = 0166953_039_Boring3.dgn	USER NAME = eship	DESIGNED - MJF	REVISED -
		CHECKED - EFS	REVISED -
	PLOT SCALE =	DRAWN - RMG	REVISED -
	PLOT DATE = 2/19/2013	CHECKED - EFS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS 3 OF 3
STRUCTURE NO. 016-6953 BRIDGE ST. OVER THE NORTH SHORE CHANNEL
SHEET NO. S39 OF S50 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00251-00-BR	COOK	118	92
		CONTRACT NO. 63817		
		ILLINOIS FED. AID PROJECT		

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