Illinois Department of Transportation
Division of Highways
S.A.M. Consultants, Inc.

SOIL BORING LOG

Page 1 of 1

Date 3/21/08

ROUTE Downers Place Bridge DESCRIPTION Outside the bridge 30' west of west abutment of East Bridge LOGGED BY Rahman

SECTION 26 ; T38N; R8E LOCATION 6' north of south curb & 30' west of west abutment

COUNTY Kane County, Illinois DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. B-4
Station West of West Abutment
Offset 20.00ft South
Ground Surface Elev. 835.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 821.4 ft ▽
Upon Completion 818.2 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
ASPHALT PAVEMENT - 9" thick	834.50				
Old Brick Pavement - 4" think	834.08				
FILL made with brown & black CLAY; med um stiff to soft			2 2 3	0.5 P	
Brown SILTY CLAY with traces of sand and gravel; moist to very moist; medium stiff to soft; (CL) - (A-6-7)	829.00		1 2 1	0.5 P	
			1 2 2	0.5 P	
Black CLAY with trace of organic matter; very moist to wet; soft; (CH- OH) (A 2 7)	821.50		1 2 3	1.0 P	
Brown SAND & GRAVEL; loose to medium compc; saturated; (SG) - (A-1a)	817.50 / 816.00		5 9 100/		
SAND & Broken Limestone; very dense to very hard; Refusal at 21.0 feet - End of Boring @21.0' (continued)	814.00				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

DDG, from 137 (Rev 8-99)

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SOIL BORING LOG

Page 1 of 1

Date 3/13/08

ROUTE Downers Place Bridge DESCRIPTION Through middle of West Arch LOGGED BY Rahman

SECTION 26 ; T38N; R8E LOCATION 4' north of curb & 24' W of West pier

COUNTY Kane County, Illinois DRILLING METHOD Coring HAMMER TYPE N/A

STRUCT. NO.
Station

BORING NO. C-1
Station 20' East of West Abutment
Offset 12.00ft South
Ground Surface Elev. 837.10 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	RIOWS (/6")	UCS Qu (tsf)	MOIST (%)
3.5 inches of ASPHALT PAVEMENT	836.58				
OLD BRICK PAVEMENT - 4" thick	836.25				
Brown SAND & GRAVEL FILL	834.14				
CONCRETE - Old Bridge Arch - 18" deep	832.04				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

COMPANY NAME: HRGREEN
PROJECT CONTACT: Michael G. Harding
CLIENT: City of Aurora
DATE PLOTTED: 7/26/2011 11:07:02 AM
FILE NAME: 8605047-E-SB02.dgn
PLOT DRIVER: pltlpt
PEN TABLE: Street 22x34.tbl

HRGreen.com
Illinois Professional Design Firm # 184-001322
HRGreen

USER NAME = whood	DESIGNED - MGH	REVISED -	
	CHECKED - RGD	REVISED -	
PLOT SCALE = N.T.S.	DRAWN - WJH	REVISED -	
PLOT DATE = 7/26/2011	CHECKED -	REVISED -	

CITY OF AURORA
DOWNER PLACE OVER THE EAST BRANCH OF THE FOX RIVER

BORING LOGS
STRUCTURE NO. 045-6005
SHEET NO. SE-45 OF SE-45 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00264-00-BR	KANE	164	145
		CONTRACT NO. 63620		
	ILLINOIS	FED. AID PROJECT		