STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 11/18/08

ROUTE FAP 600 DESCRIPTION Retaining Wall North of Cherokee Street (Sta. 109+00 to 110+00) LOGGED BY E. Stewart

SECTION 60-(30,31,128)-1 LOCATION SEC. 33, TWP. 3N, RNG. 8W, 3 PM

COUNTY Madison / St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. N/A
Station N/A

BORING NO. RW A
Station 110+00
Offset 95.00ft LT
Ground Surface Elev. 466.2 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 457.7 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
	2		
	3	0.19	
	3	S/S	26
462.7			
	1		
-5	1	0.17	
	2	B/15	32
	2		
	2	0.55	
	2	B/20	31
	1		
	2	1.59	
-10	6	B/20	28
	3		
	2	1.24	
	3	B/20	27
	2		
	2	1.11	
-15	2	B/20	28
	2		
	1	0.98	
	2	B/20	26
	2		
	2	1.04	
-20	2	B/20	22

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
	3		
	3	0.65	
	8	B/20	23
442.2			
-25	3		
	2	0.59	
	3	B/20	28
	2		
	2	0.39	
	7	B/20	19
	3		
	2	0.59	
436.2 -30	1	B/20	29
-35			
-40			

Light Gray SILT
A-4(B)
See Classification @ 15 ft
(continued)

Light Gray Silt LOAM
A-4(B)
See Classification @ 25 ft

END OF BORING

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)

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SOIL BORING LOG

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Date 8/29/08

ROUTE FAP 600 DESCRIPTION Retaining Wall North of Cherokee Street LOGGED BY S. Wiszkon

SECTION 60-(30,31,128)-1 LOCATION SEC. 33, TWP. 3N, RNG. 8W, 3 PM

COUNTY Madison / St. Clair DRILLING METHOD Hand Auger HAMMER TYPE

STRUCT. NO. NA
Station NA

BORING NO. RW 1
Station 110+00
Offset 50.00ft LT
Ground Surface Elev. 463.3 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 459.3 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
		0.25	31
		0.50	31
		0.50	30
460.3		0.36	32
		0.50	"
459.3 -5		0.25	42
		0.25	42
		0.00	36
		0.00	37
453.3 -10			
-15			
-20			

Brown Silt LOAM

Dark Gray Silt LOAM

Dark Gray Silty CLAY

END OF HAND AUGER

Pocket Penetrometer used for Qu

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)

DESIGNED	KRG
CHECKED	MJK
DRAWN	GSJ
CHECKED	MJK

BORING LOGS

MID-AMERICA ENGINEERING SERVICES

SHEET NO. 9	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9 SHEETS	600	60-(30,31,128)-1	St. Clair/Madison	399	265
		RETAINING WALL 1	CONTRACT NO. 76830		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		