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 11/10/08

ROUTE FAP 600 DESCRIPTION Retaining Wall South of Clinton Street (Sta. 121+44 to 122+25) LOGGED BY S. Wiszkon

SECTION 60-(30,31,128)-1 LOCATION SEC. 34, TWP. 3N, RNG. 6W, 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 8
Station 122+25
Offset 50.00ft LT
Ground Surface Elev. 473.5 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 461.5 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				Brown Silt LOAM
	6			
	5	2.50	19	
469.5	4	P		
				Brown Silty Clay LOAM
-5	3			
	3	0.81	27	
467.9	3	B/20		
				Brown/Gray Silty CLAY
	2			
	2	0.49	28	
	3	S/20		
-10	2			
	4	0.95	26	
462.0	5	S/20		
				Mottled Silty Clay LOAM
	4			
	6	1.04	29	
	7	S/15		Sand Lens
459.5				
				Gray SILT
-15	4			A-4(8)
	3	1.04	32	See Classification @ 20 ft
	5	S/15		
	2			
	3	0.55	33	
	2	S/10		
-20	WH			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
	2	0.52	35	Gray SILT
	2	S/15		A-4(6)
				See Classification @ 20 ft
				(continued)
	2			
	3	0.65	41	
449.5	2	S/20		
				Gray Silty Clay LOAM
-25	4			
	4	1.63	28	
	5	S/20		
	3			
	4	1.30	25	
	5	S/20		
-30	3			
442.5	4	1.43	25	
	6	S/20		
				END OF BORING
-35				
-40				

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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ROUTE FAP 600 DESCRIPTION Retaining Wall South of Clinton Street LOGGED BY S. Wiszkon

SECTION 60-(30,31,128)-1 LOCATION SEC. 34, TWP. 3N, RNG. 6W, 3 PM

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

STRUCT. NO. N/A
Station N/A

BORING NO. RW 3
Station 122+20
Offset 45.00ft LT
Ground Surface Elev. 472.7 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 465.7 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
		1.25	15	Brown Silt LOAM
		1.88	16	With Rock
		1.08	16	
468.7		1.42	22	
		1.13	25	Brown Silty Clay LOAM
-5		1.75	28	
		1.25	29	
		1.00	31	
		1.38	28	
462.7	-10	1.25	31	
		1.00	30	Gray Silty CLAY
460.7		0.75	31	
		2.00	31	Mottled Silty Clay LOAM
459.7				
				END OF HAND AUGER
-15				Pocket Penetrometer used for Qu
-20				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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SECTION 60-(30,31,128)-1 LOCATION SEC. 34, TWP. 3N, RNG. 6W, 3 PM

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

STRUCT. NO. N/A
Station N/A

BORING NO. RW 2
Station 121+50
Offset 40.00ft LT
Ground Surface Elev. 470.5 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 465.5 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
		1.13	24	Brown Silty Clay LOAM
		1.00	26	A-4(6)
				See Classification @ 1 ft
		1.00	26	
		1.00	26	
		1.00	29	
-5		0.75	34	
		1.00	31	
		1.28	32	
462.5		0.75	31	Brown/Gray Silty LOAM
461.5		1.26	33	A-6(6)
				See Classification @ 8 ft
-10		0.75	32	Gray/Brown Mottled SILT
		1.00	32	A-4(8)
457.5		1.25	29	See Classification @ 12 ft
				END OF HAND AUGER
-15				Pocket Penetrometer used for Qu
-20				

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

MID-AMERICA ENGINEERING SERVICES

BORING LOGS

SHEET NO. 7	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7 SHEETS	600	60-(30,31,128)-1	Madison	399	272
		RETAINING WALL 2	CONTRACT NO. 76830		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		