

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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Date 3/25/09

LOGGED BY S. Wiszkon

Illinois Department of Transportation
Division of Highways
SOIL BORING LOG

ROUTE FAP 600 DESCRIPTION Retaining Wall at Kasaly Funeral Home (Sta. 179+30 to 180+20)

SECTION 60-(30,31,128)-1 LOCATION SEC. 27, 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 0
Station 179+10
Offset 22.00ft LT
Ground Surface Elev. 544.0 ft

DEPTH (ft)	SOIL DESCRIPTION	UCS (tsf)	MOISTURE (%)
0.00	Surface Water Elev. _____ ft		
0.00	Stream Bed Elev. _____ ft		
0.00	Groundwater Elev. _____ ft		
0.00	First Encounter _____ ft		
0.00	Upon Completion _____ ft		
0.00	After _____ Hrs. _____ ft		
2	Brown Silt LOAM with Cinders, Brick, and Gravel		
2		0.75	27
1		P	
540.0			
3	Brown Silty Clay LOAM		
3		0.33	31
2		B/20	
537.5			
1	Brown Silty CLAY		
1		0.16	32
1		B	
535.0			
2	Gray Silty Clay LOAM with Sewage Smell		
2		0.59	31
1		B	
3			
2		1.14	27
2		S/20	
15			
4		1.14	27
4		S/20	
2			
3		1.14	29
4		S/20	
525.5			
20	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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Date 8/23/08

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SECTION 60-(30,31,128)-1 LOCATION SEC. 27, TWP. 3N, RNG. 8W, 3 PM

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

STRUCT. NO. N/A
Station N/A

BORING NO. RW 5
Station 180+15
Offset 30.00ft LT
Ground Surface Elev. 545.2 ft

DEPTH (ft)	SOIL DESCRIPTION	UCS (tsf)	MOISTURE (%)
0.00	Surface Water Elev. _____ ft		
0.00	Stream Bed Elev. _____ ft		
0.00	Groundwater Elev. _____ ft		
0.00	First Encounter _____ ft		
0.00	Upon Completion _____ ft		
0.00	After _____ Hrs. _____ ft		
0.00	Medium Brown Silty Clay LOAM A-6(10) See Classification @ 1 ft		
0.00		0.00	15
543.2			
0.00	Light Brown Silty Clay LOAM A-6(12) See Classification @ 5 ft		
1.00		1.00	14
1.50		1.50	19
0.50		0.50	18
0.30		0.30	22
0.50		0.50	21
536.7			
1.20	Medium Brown Silty Clay LOAM A-6(12) See Classification @ 9 ft		
1.20		1.20	26
535.2			
20	END OF HAND AUGER		
	Pocket Penetrometer used for Cu		

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. 27, TWP. 3N, RNG. 8W, 3 PM

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

STRUCT. NO. N/A
Station N/A

BORING NO. RW 5A
Station 179+35
Offset 31.00ft LT
Ground Surface Elev. 545.6 ft

DEPTH (ft)	SOIL DESCRIPTION	UCS (tsf)	MOISTURE (%)
0.00	Surface Water Elev. _____ ft		
0.00	Stream Bed Elev. _____ ft		
0.00	Groundwater Elev. _____ ft		
0.00	First Encounter _____ ft		
0.00	Upon Completion _____ ft		
0.00	After _____ Hrs. _____ ft		
0.50	Medium Brown		18
0.58		0.58	15
1.50	Light Brown Silt LOAM		14
1.10		1.10	19
541.6			
1.10	Medium Brown CLAY		28
1.10		1.10	28
539.5			
1.00	Light Brown Silt LOAM		26
1.00		1.00	26
537.6			
1.30	Medium Brown		29
1.50		1.50	32
535.6			
20	END OF HAND AUGER		
	Pocket Penetrometer used for Cu		

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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

SHEET NO. 8	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	600	60-(30,31,128)-3	Madison	529	518
8 SHEETS	RETAINING WALL 4		CONTRACT NO. 76B85		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

MID-AMERICA ENGINEERING SERVICES