

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
Soils Department of Transportation

SOIL BORING LOG Page 1 of 1
Date 11/18/08

ROUTE FAP 600 DESCRIPTION Retaining Wall on McKinley Street (Sta. 123+50 to 124+46) LOGGED BY VPG

SECTION 60-(30,31,128)-1 LOCATION SEC. 34, 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. RWC Station 123+59 Offset 101.00(11) Ground Surface Elev. 485.7 ft

DEPTH (ft)	BLU (ft)	UCS (tsf)	MOIST (%)	Surface Water Elev. ft	Stream Bed Elev. ft	DEPTH (ft)	BLU (ft)	UCS (tsf)	MOIST (%)
2	1.63	S/20	23			2	2.01	S/0	25
3	1.63	S/20	21			3	1.96	S/0	28
4	1.63	S/20	27			4	2.01	S/0	25
7	1.63	S/20	26			4	1.96	S/0	24
12	0.90	S/0	25			5	1.87	S/0	25
15	1.22	S/0	25						
19	1.22	S/0	26						
25	1.87	S/0	25						

Soil Descriptions:
Brown Silty Clay LOAM A-6(8) See Classification @ 5 ft
Brown SILT A-4(8) See Classification @ 20 ft (continued)
Greenish/Grayish Silty Clay LOAM A-6(10) See Classification @ 27 ft
Brown SILT A-4(8) See Classification @ 12 ft
Brown SILT A-4(8) See Classification @ 20 ft

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

END OF BORING

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)

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SOIL BORING LOG Page 1 of 1
Date 9/8/08

ROUTE FAP 600 DESCRIPTION Retaining Wall on McKinley Street LOGGED BY S. Wiszkon

SECTION 60-(30,31,128)-1 LOCATION SEC. 34, 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 4 Station 123+53 Offset 169.00(11) Ground Surface Elev. 487.0 ft

DEPTH (ft)	BLU (ft)	UCS (tsf)	MOIST (%)	Surface Water Elev. ft	Stream Bed Elev. ft	DEPTH (ft)	BLU (ft)	UCS (tsf)	MOIST (%)
2	0.50	S/23				2	0.50	S/24	
4	0.50	S/24				3	0.50	S/26	
6	0.50	S/26				4	0.50	S/23	
8	0.50	S/23				5	0.50	S/22	
10	0.50	S/25				6	0.33	S/25	
12	0.75	S/25				7	0.75	S/25	
14	0.50	S/25				8	0.63	S/25	
16	0.63	S/26				9	0.63	S/26	
18	0.63	S/26				10	0.63	S/25	
20	0.63	S/26							

Soil Descriptions:
Dark Brown Silty LOAM A-6(10) See Classification @ 0 ft
Brown Silty Clay LOAM A-6(10) See Classification @ 3 ft
Brown SILT A-4(8) See Classification @ 9 ft
Brown SILT A-4(8) See Classification @ 12 ft

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

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)
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ROUTE FAP 600 DESCRIPTION Retaining Wall on McKinley Street LOGGED BY S. Wiszkon

SECTION 60-(30,31,128)-1 LOCATION SEC. 34, 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 4A Station 124+40 Offset 93.00(11) Ground Surface Elev. 483.0 ft

DEPTH (ft)	BLU (ft)	UCS (tsf)	MOIST (%)	Surface Water Elev. ft	Stream Bed Elev. ft	DEPTH (ft)	BLU (ft)	UCS (tsf)	MOIST (%)
2	0.75	S/24				2	0.63	S/21	
4	0.50	S/24				3	0.50	S/24	
6	0.25	S/28				4	0.25	S/27	
8	0.50	S/26				5	0.50	S/27	
10	0.50	S/26				6	0.63	S/26	
12	0.75	S/26				7	0.75	S/26	
14	0.50	S/26				8	0.50	S/27	
16	0.50	S/27				9	0.50	S/28	
18	0.75	S/27				10	0.63	S/26	
20	0.63	S/26							

Soil Descriptions:
Brown Silty Clay LOAM
Brown Silty CLAY
Brown Silty Clay LOAM
Gray/Brown Silty Clay LOAM

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

END OF HAND AUGER

Pocket Penetrometer used for Qu

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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

MID-AMERICA ENGINEERING SERVICES

BORING LOGS

SHEET NO. 8	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8 SHEETS	600	60-(30,31,128)-1	Madison	399	279
		RETAINING WALL 3	CONTRACT NO. 76830		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					