CONTRACT NO. 76A41

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55/70	*	MADISON	19	19
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

*DIST 8 ITS 2007-4a, 4b

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 12/15/06

ROUTE FAI 55 /FAI 70 DESCRIPTION Sign Truss Foundation on I-70 Westbound, East of Staunton Road LOGGED BY S. Wiszkon

SECTION Dist 8 ITS 2007-4a, 4b, 4c LOCATION N 1/2, SEC. 34, TWP. 4N, RNG. 7W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. N/A
Station N/A

BORING NO. SB 2 Rt Shldr
Station 1031+89
Offset 75.00ft Left
Ground Surface Elev. 100 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Dark Gray Silt LOAM			5		
			3	0.65	25
			4	S/20	
	96.0				
Mottled Silty Clay LOAM		-5	3		
			4	1.46	29
			5	S/20	
	93.5				
Gray Silt LOAM			2		
			2	0.81	28
			3	S/20	
	91.0				
Gray Mottled Silty Clay LOAM		-10	5		
			5	1.24	25
			6	S/20	
	88.5				
Gray SILT			3		
			5	0.81	26
			6	S/20	
	86.0				
Gray Silty CLAY		-15	5		
			4	1.14	23
			6	S/20	
			3		
			4	1.17	24
			4	S/20	
	81.0				
Mottled Silty Clay LOAM		-20	4		
Mottled Silty Clay LOAM (continued)	79.0		4	1.46	24
			5	S/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)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 12/15/06

ROUTE FAI 55 /FAI 70 DESCRIPTION Sign Truss Foundation on I-55 Southbound, South of IL 143 LOGGED BY S. Wiszkon

SECTION Dist 8 ITS 2007-4a, 4b, 4c LOCATION NE 1/4, SEC. 20, TWP. 4N, RNG. 7W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. N/A
Station N/A

BORING NO. SB 4 Rt Shldr
Station 1148+81
Offset 46.00ft Right
Ground Surface Elev. 100 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encountar 88.0 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Silty Clay LOAM			4		
			5	1.79	29
			6	S/20	
	96.0				
Mottled Silty CLAY		-5	2		
			3	0.81	29
			4	B	
			2		
			2	0.72	29
			3	B	
	91.0				
Brown Silt LOAM		-10	4		
			4	1.14	27
			4	B	
		▼	3		
			4	1.17	27
			4	S/20	
		-15	3		
			4	1.04	26
			4	S/20	
	83.5				
Brown Silty Clay LOAM			3		
			3	0.65	23
			3	S/20	
	81.0				
Mottled Clay TILL		-20	3		
Mottled Clay TILL (continued)	79.0		4	1.27	23
			6	S/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)

BUTTERFLY SIGN STRUCTURES
DRILLED SHAFT
ALUMINUM TRUSS & STEEL POST

FAI ROUTE 70/55
DIST 8 ITS 2007-4a, 4b
MADISON COUNTY

$$DIT$$
5/3/2007
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