FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
55/70	82-4I-1	ST CLAIR	19	19
STA.		TO STA.		
CONTRACT NO.: ____				

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 11/4/05

ROUTE FAI 55/70 DESCRIPTION Dynamic Message Sign on I-55/70 between 3rd Street and 4th Street LOGGED BY Mark Schreader

SECTION 82-4I-1 LOCATION SE 14, SEC. 14, TWP. 2N, RNG. 10W, 3 PM

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

STRUCT. NO. N/A
Station N/A

BORING NO. SB 1
Station 107+45
Offset 2.00ft RT EOP
Ground Surface Elev. 100.0 ft

Surface Water Elev. ____ ft
Stream Bed Elev. ____ ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Silty CLAY			2		
			6	1.5	22
			8	S20	
		-5	2		
			3	2.0	21
			6	P	
			5		
			8	3.1	21
			9	S20	
		-10	5		
			6	1.6	22
			6	S20	
			4		
			5	1.6	21
			8	S20	
	85.5	-15	3		
Black CINDERS			5	2.5	32
			4	P	
			1		
			1	1.7	29
			1	P	
	80.5				
Brown Silty LOAM		-20	1		
Brown Silty LOAM (continued)			2	1.3	27
	79.0		6	S20	
Sand – End of Boring					
Assumed EOP Elev = 100.0 ft		-25			
		-30			
		-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)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 11/4/05

ROUTE FAI 55/70 DESCRIPTION Dynamic Message Sign on I-55/70 between 3rd Street and 4th Street LOGGED BY Mark Schreader

SECTION 82-4I-1 LOCATION SE 14, SEC. 14, TWP. 2N, RNG. 10W, 3 PM

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

STRUCT. NO. N/A
Station N/A

BORING NO. SB 2
Station 107+45
Offset 4.00ft LT EOP
Ground Surface Elev. 100.0 ft

Surface Water Elev. ____ ft
Stream Bed Elev. ____ ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Silty CLAY			4		
			6	2.6	19
			6	S20	
		-5	5		
			6	2.2	20
			8	S20	
			12		
			11	3.4	19
			12	S20	
		-10	5		
			6	1.6	19
			8	S20	
			2		
			4	1.5	22
			8	S20	
	85.5				
Black CINDERS		-15	5		
Sand Lens			9	4.0	31
			12	P	
			4		
			6	2.0	31
			8	P	
Red Brick	80.5				
Brown Silty LOAM		-20	1		
Brown Silty LOAM (continued)			3	0.8	32
			3	S20	
			2		
			3	0.9	31
			4	S20	
	75.5	-25	4		
Brown Medium SAND			9		5
	74.0		11	NC	
End of Boring					
Assumed EOP Elev = 100.0 ft		-30			
		-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)

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

FAI ROUTE 55/70
SECTION 82-4I-1
ST CLAIR COUNTY

PLOT DATE: 10/17/2006

$$DATE$$
10/17/2006
c:\projects\e0060\electrical\ltsp\h068016a.dgn
*REF-
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