FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
255	60-8-1TS	MADISON	11	11
STA.		TO STA.		
CONTRACT NO.: 76799				

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 7/1904

ROUTE FAI 255 DESCRIPTION Traffic Signals at I-255 North Ramps and Horseshoe Lake Road in Collinsville LOGGED BY Mark Schreader

SECTION 60-8-1TS LOCATION SE 1/4, SEC. 19, TWP. 3N, RNG. 8W, 3 PM

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

STRUCT. NO. N/A
Station N/A

BORING NO. SB 1 NW Quad
Station 224+10
Offset 65.00ft Left
Ground Surface Elev. 414.84 ft

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

Groundwater Elev.:
First Encounter 399.8 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Brown Silty CLAY			
	2		
	3	2.5	23
	5	P	
-5	2		
	3	2.3	34
	5	S20	
	2		
	4	2.3	28
405.3	6	S20	
-10	1		
Gray Silty LOAM	2	1.3	29
	3	S20	
	2		
	4	1.6	27
	6	S20	
▼-15	1		
	3	0.9	34
398.8	4	S20	
End of Boring			
-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)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 7/1904

ROUTE FAI 255 DESCRIPTION Traffic Signals at I-255 North Ramps and Horseshoe Lake Road in Collinsville LOGGED BY Mark Schreader

SECTION 60-8-1TS LOCATION SE 1/4, SEC. 19, TWP. 3N, RNG. 8W, 3 PM

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

STRUCT. NO. N/A
Station N/A

BORING NO. SB 3 SE Quad
Station 225+77
Offset 30.00ft Right
Ground Surface Elev. 419.0 ft

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

Groundwater Elev.:
First Encounter 403.5 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Gray Silty LOAM			
	8		
	9	0.6	19
	10	S10	
414.5			
-5	2		
Gray Silty CLAY	3	1.7	35
	4	P	
	2		
	3	2.3	39
	4	S20	
-10	1		
	4	2.3	36
	5	S20	
	2		
	4	2.4	34
	6	S20	
-15	1		
▼ 403.0	2	1.3	31
	3	S20	
End of Boring			
-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)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 7/1904

ROUTE FAI 255 DESCRIPTION Traffic Signals at I-255 North Ramps and Horseshoe Lake Road in Collinsville LOGGED BY Mark Schreader

SECTION 60-8-1TS LOCATION SE 1/4, SEC. 19, TWP. 3N, RNG. 8W, 3 PM

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

STRUCT. NO. N/A
Station N/A

BORING NO. SB 2 SW Quad
Station 224+70
Offset 30.00ft Right
Ground Surface Elev. 418.6 ft

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

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

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Gray Silty LOAM			
	8		
	9	0.8	20
	9	SO	
415.0			
-5	2		
Brown Silty CLAY	4	1.3	36
	6	S20	
	2		
	3	2.3	37
	5	S20	
-10	2		
	3	2.2	38
	5	S20	
	2		
	3	1.8	36
	5	S20	
-15	2		
	3	1.6	26
403.5	5	S20	
End of Boring			
-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)

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

FAI ROUTE 255
SECTION 60-8-1TS
MADISON COUNTY

PLOT DATE: Monday September 27, 2004 @ 11:01:33 AM

9/27/2004
Monday September 27, 2004 @ 11:01:33 AM
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