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Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2
Date 2/22/02

ROUTE FAP 310 DESCRIPTION US 67 Flyover Structure for IL 255 Ramp B LOGGED BY Larry Ford

SECTION 60-15HB-3 LOCATION SEC. 15, TWP. 6N, RNG. 10W, 3 PM

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

STRUCT. NO. 060-0332
Station
BORING NO. 1 N. Pier
Station 20+14
Offset 26.00ft LT BL
Ground Surface Elev. 608.3 ft

DEPTH (ft)	SOIL TYPE	UCS (tsf)	SPT (blows)
0	Surface Water Elev.		
0	Stream Bed Elev.		
0	Groundwater Elev.:		
5.968	First Encounter		
	Upon Completion		
	After Hrs.		

DEPTH (ft)	SOIL TYPE	UCS (tsf)	SPT (blows)
0	Brown SILT		
7			
8		1.5	
6		S5	19
604.8			
	Brown Silty CLAY		
-5			
4		2.6	
5		S10	22
8			
602.3			
	Brown Clay LOAM		
5			
6		3.1	
8		S10	21
580.3			
	Gray Clay LOAM		
25		NC	11
		5.0	
		S15	
-10			
3			
4		1.6	
3		S10	21
576.3			
	Gray SAND		
9		3.3	
12		S15	14
-15			
7			
10		2.8	
12		S10	13
573.3			
	Gray Clay LOAM		
3		NC	17
		18	
		24	4.1
		B	13
591.8			
	Bray Clay LOAM with Limestone Gravel		
6			
7		3.1	
11		S15	12
-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)

DESIGNED	ADL
CHECKED	WLW
DRAWN	BGJ
CHECKED	WLW



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BORING NO. 1 N. Pier
Station 20+14
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Ground Surface Elev. 608.3 ft

DEPTH (ft)	SOIL TYPE	UCS (tsf)	SPT (blows)
0	Surface Water Elev.		
0	Stream Bed Elev.		
0	Groundwater Elev.:		
5.968	First Encounter		
	Upon Completion		
	After Hrs.		

DEPTH (ft)	SOIL TYPE	UCS (tsf)	SPT (blows)
0	Gray Clay LOAM (continued)		
5		3.3	
8		B	14
14			
547.3			
	End of Boring		
-45			
5			
8		2.8	
10		S15	17
-50			
4			
6		1.9	
10		S15	20
556.3			
	Gray Silty CLAY		
6			
13		4.4	
16		S10	23
-55			
6			
13		4.4	
16		S10	23
551.8			
	Gray Clay LOAM		
-60			

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)

SOIL BORING LOGS
RAMP B OVER FAP RTE 310
SECTION 60-15HB-3
MADISON COUNTY
STATION 17+72.64 (RAMP B)
SN 060-0332