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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 310	60-15B	MADISON	474	251
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 8
9 SHEETS

Contract No. 76323

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2
Date 8/15/01

ROUTE FAP 310 DESCRIPTION Rock Creek Box Culvert LOGGED BY Larry Ford
 SECTION 60-15B LOCATION NW 14, SEC. 30, TWP. 6N, RNG. 10W, 3 PM
 COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic 140#

STRUCT. NO. 060-2043
 Station 35+293

BORING NO. RC-BC #3
 Station 35+312
 Offset 83.00m RT CL
 Ground Surface Elev. 148.72 m

Description	D E P T H S	B L O W S Qu	U C S	M O D E	Surface Water Elev. Stream Bed Elev.	D E P T H S	B L O W S Qu	U C S	M O D E	Groundwater Elev.:	
										(m)	(mm)
Gray Sandy LOAM	1					1	38				
	2	38				2	38				
	2	S5			141.8	4	38	29			
Gray Silty CLAY (continued)					141.7	6	S10	23			
	1.5										
	2										
	4	29				4	29				
Brown SAND	6	S5			146.9	6	S5	12			
					146.8						
Brown Loamy SAND with some Gravel See Gradation @ 2.4 m (8 ft)	5					6					
	3					9					
	3	NC			146.0	8	NC	15			
Brown Loamy SAND with some Gravel See Gradation @ 3.2 m (10.5 ft)	2					4					
	4					5					
	4	NC			145.4	17	NC	14			
Gray Silty Clay LOAM											
	1	57									
Gray Gravelly SAND	1	S5			145.0						
					144.8						
Gray Silty CLAY	1	86									
		S5			144.5						
Gray Fine SAND See Gradation @ 4.7 m (15.5 ft)	0										
	0										
	3	NC			143.8						
Gray SAND See Gradation @ 5.5 m (18 ft)	3										
	3				143.0						
	4	NC									
Gray Silty CLAY	1										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator)
 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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										(m)	(mm)
Gray Shaley LIMESTONE											
	136.1										
End of Boring											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator)
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 BBS, from 137 (Rev. 8-99)

DESIGNED	ADL
CHECKED	WLW
DRAWN	KAH
CHECKED	WLW

SOIL BORINGS
FAP RTE 310 (IL RTE 255)
OVER ROCK CREEK
SECTION 60-15B
MADISON COUNTY
STATION 35+291.000
S.N. 060-2043