



Illinois Department of Transportation  
Division of Highways  
Illinois Department of Transportation

### SOIL BORING LOG

Page 1 of 1

Date 10/9/07

ROUTE FAP 323 (US 36) DESCRIPTION Traf Signal Foundations: US 36 & Harristown Blvd. LOGGED BY E. Sandschafer  
SECTION (58-62)TS LOCATION S 12, SEC. 13, TWP. 16 N, RNG. 1 E, 3 PM  
COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. Station	D E P T H ft	B L O W S tsf	U C S Qu	M O S T T	Surface Water Elev. Stream Bed Elev.	ft	D E P T H ft	B L O W S tsf	U C S Qu	M O S T T
NA 058-ts01					NA	ft				
1 627+25					81.7	ft				
55.50ft Lt					90.4	ft				
103.69					92.2	ft				
4" asphalt shoulder.	103.39									
Very stiff, damp, gray, CLAY LOAM.										
	2									
	4	3.0		11						
	4	PP								
98.69	-5	3								
Medium to stiff, damp, gray, CLAY LOAM w/some fine gravel.										
	3	1.0		12						
	3	B								
							77.69			
96.69										
Very stiff, damp, dark gray, CLAY.										
	3									
	4	2.4		26						
	5	B								
93.69	-10	2								
Medium, very damp, gray marbled brown, SILTY CLAY.										
	1	0.7		31						
	2	B								
91.19										
Soft, very damp, brown, SILTY CLAY LOAM.										
	1	0.3		22						
	1	B								
89.19										
Very stiff, damp, gray, CLAY LOAM TILL.										
	1									
	3	0.8		17						
	3	B								
	3									
	7	3.5		13						
	11	B								
	2									

Latitude W 89 deg 02.164 min, Longitude N 89 deg 50.724 min, Map Datum WGS 84

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)



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NA 058-ts01					NA	ft				
2 629+80					Dry	ft				
57.50ft Rt					Dry	ft				
101.05					93.6	ft				
Very stiff, damp, brown, CLAY.										
	2									
	7	2.4		16						
	9	B								
95.25	-5	3	1.7	15						
Medium, damp, tan, SILTY LOAM.										
	3	B								
94.05										
Stiff, damp, gray, CLAY LOAM TILL.										
	2									
	3	1.3		15						
	5	B								
	2									
	4	2.0		15						
	6	B								
	2									
	4	2.2		12						
	7	B								
	2									
	3	1.1		14						
	5	B								
	2									
	4	2.0		12						
	7	B								
	2									

Latitude W 89 deg 02.113 min, Longitude N 89 deg 50.728 min, Map Datum WGS 84

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)

FILE NAME =	USER NAME = mcollonia	DESIGNED - LAM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BORING LOGS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cs:\projects\74288d\shplan_74288.dgn	PLOT SCALE = 20.0000' / IN.	DRAWN - LAM	REVISED -			323	(58-62)TS	MACON	17	14	
PLOT DATE = 10/25/2007	DATE -	CHECKED - DRM	REVISED -			CONTRACT NO. 74288					
		DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		