

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials Bridge Foundation Boring Log
Sheet 1 of 2
Route: ILL 14 Over Andy Creek Structure Number: 028-0017 Date: 7/5/2001
Section: Location: W of Buckner Bored By: Bryan Keller
County: Franklin Checked By: Rob Graeff

Boring No: 2-5
Station: 28' E of E Abut
Offset: 18' S CL
Ground Surface: 100.4 Ft

D	B			Surf Wat. Elev:	D	B		
E	L			86.0	E	L		
P	O	Qu	W%	Ground Water Elevation	P	O	Qu	W%
T	W	tsf		when Drilling 85.9	T	W	tsf	W%
H				At Completion 62.4	H			
				At: Hrs:				
Bituminous Shoulder	99.4			Very stiff, moist, brown, Silty Clay A-6 with some Gravel	3	2.9B	17	
					7			
Soft, very moist, brown, Silty Clay A-6 with Cinders		1		73.4	5			
		WH 0.4B	22		8	2.5B	13	
		1			5			
Soft to medium, very moist, brown, Silty Clay A-6	95.9	5.0	WH	70.9				
		1	0.5B	19	30.0	1		
		1			3	2.9B	15	
					4			
		WH			5			
		1	0.5B	27	5	2.9B	14	
		1			6			
				65.9				
		10.0	WH		35.0	1		
		1	0.5B	28		2	1.4B	23
		1				2		
Very soft, very moist to wet, grey Silt Loam to Silty Clay Loam A-6	88.4		WH	63.4	1			
			WH 0.2B	27		2	1.8B	39
			WH			2		
		15.0	WH		40.0	1		
			WH 0.2B	26		1	1.7B	33
			WH			2		
Very soft, very moist to wet, grey, Silty Clay Loam to Silt Loam A-6 with a fine Silty Sand Layer	83.4		WH					
			WH 0.1B	24				
			WH					
Stiff, moist, brown mottled grey, Silty Clay A-6	80.9	20.0	1	55.9	45.0	WH		
			1 1.6B	21		2	1.6B	21
			2			3		
Medium, very moist, brown mottled grey, Silty Clay A-6 with a medium Sand Layer	78.4		WH					
			1 0.9B	21				
			1					
				50.9				
		25.0	2		50.0	10		

N-Std Penr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

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T	W	tsf		when Drilling 85.9	T	W	tsf	W%
H				At Completion 62.4	H			
				At: Hrs:				
Hard, dry, grey, Weathered Clay Shale				16				
				25				
				3				
				23				
				28				
				55.0				
				80.0				
				43.4				
Hard, dry, grey, Clay Shale	42.9			100#				
Bottom of hole = 57.5 ft.								
Free water observed at 14.5 ft.								
				60.0				
				85.0				
Elevation referenced to center of existing Structure on West abutment at Pavement Grade; Assumed Elevation = 100.0 ft.								
To convert "N" values to "N60" values multiply by 1.25								
				65.0				
				90.0				
				70.0				
				95.0				
				75.0				
				100.0				

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REVISIONS	
NAME	DATE

L LIN ENGINEERING, LTD.
Consulting Engineers
Chatham, Illinois

Designed By: JBY Checked By: MTH Drawn By: AJF
Date: 12/05 File: 028-0076.DWG

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORINGS-2
ILLINOIS ROUTE 14 OVER
ANDY CREEK
F.A.P. ROUTE 869 - SECTION 104B-2
FRANKLIN COUNTY
STATION 603+80.00
STRUCTURE NO. 028-0076