

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 10 OF 14 SHEETS
774	EFFINGHAM	344	124E	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* 107WRS-1, 107BY, 107BY-1 & 107B-2 CONTRACT NO. 94827				

ILLINOIS DEPARTMENT OF TRANSPORTATION  
Testing Service Corporation  
**STRUCTURE BORING LOG**

Page 1 of 1  
Date 7/9/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois

SECT. 107WRS-1 STRUCT. NO. \_\_\_\_\_ DRILLED BY B. Williamson

COUNTY Effingham LOCATION Douglas Township S. 18, TWP. T&N, RNG. R6E

Boring No.	Station	Offset	Surface Elev.	D E P T H	B L O W S	Qu tsf	W %	Surface Water Elev.	Groundwater Elev.	D E P T H	B L O W S	Qu tsf	W %
B-101	1033+00	52.00ft Lt	593.33										
Hard light brown SILTY LOAM, moist													
				2	P	15					10		12
				4	4.5+						29		
				7							36		
				5	P	12					14		14
				8	4.5+						48		
				7							50/4"		
				5	P	12					10		12
				7	4.5+						19		
				8							21		
			584.83								50/4"		
Very dense gray weathered SILTSTONE													
				5	P	14							
				8	4.5+								
				10									
Hard brown SILTY CLAY LOAM, moist													
				5	S	14							
				6	9.2								
				9									
			579.83										
Hard brown SILTY LOAM, moist													
				10	P	7							
				39	4.5+								
				47									
				9	P	10							
				11	4.5+								
				17									
				7	P	12							
				14	4.5+								
				19									
			572.33										
Firm to dense light brown SILTY LOAM/SILT, moist													
				9		11							
				9		13							
				9		12							
				14									
				23									
			568.33										

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

Testing Service Corporation  
**STRUCTURE ROCK CORING LOG**

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Date 7/9/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois

SECT. 107WRS-1 STRUCT. NO. \_\_\_\_\_ DRILLED BY B. Williamson

COUNTY Effingham

Boring No. B-101 Core Type NX Core Barrel  
Station 1033+00 Core Diameter 2.34 in  
Offset 52.00ft Lt Core Length 5 ft

Surface Elev. 593.33 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVER Y (%)	R . Q . D (%)	CORE T I M E (Min/ft)	COMP. S T R N G T H (tsf)
558.33	Gray SANDSTONE with interbedded SHALE	1	88	51	3	293
553.33	End of Boring at 40.0'					166

Color pictures of the cores \_\_\_\_\_

Cores will be stored for examination until \_\_\_\_\_

ILLINOIS DEPARTMENT OF TRANSPORTATION  
Testing Service Corporation  
**STRUCTURE BORING LOG**

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Date 7/10/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois

SECT. 107WRS-1 STRUCT. NO. \_\_\_\_\_ DRILLED BY B. Williamson

COUNTY Effingham LOCATION Douglas Township S. 18, TWP. T&N, RNG. R6E

Boring No.	Station	Offset	Surface Elev.	D E P T H	B L O W S	Qu tsf	W %	Surface Water Elev.	Groundwater Elev.	D E P T H	B L O W S	Qu tsf	W %
B-102	1031+75	70.00ft Lt	588.10										
Hard brown SILTY CLAY LOAM, moist													
				2	P	8					14		13
				4	4.5+						29		
				4							32		
				5	P	12					13		14
				5	4.5+						23		
				9							33		
				4	P	10					14		19
				7	4.5+						21		
				12							33		
			580.10										
Hard brown SILTY LOAM, moist													
				14	P	8					10		15
				26	4.5+						23		
				50							50/3"		
			577.60										
Hard brown SILTY CLAY LOAM, moist													
				10	S	9							
				17	14.0								
				27									
				17	P	9							
				39	4.5+								
				44									
				19	P	6							
				38	4.5+								
				45									
				5	P	7							
				20	4.5+								
				30									
			572.10										
Hard gray SILTY CLAY LOAM, moist													
				16	P	9							
				23	4.5+								
				36									
				10		13							
				33									
				50									
			584.60										
Very dense gray SILTY LOAM/LOAM, moist													
				10									
				33									
				50									
			583.10										

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

SOIL BORINGS LOGS  
ILLINOIS ROUTE 32/33  
F.A.P. ROUTE 774  
SECTION 107 WRS-1, 107BY,  
107BY-1 & 107B-2  
EFFINGHAM COUNTY  
RETAINING WALL  
STA. 1026+03.00 LT. TO STA. 1033+86.00 LT.  
STRUCTURE NUMBER 025-W008