

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

SHEET NO. 10  
OF 14 SHEETS

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. T8N, R6E

Boring No. B-101  
Station 1033+00  
Offset 52.00ft Lt

Surface Elev. 593.33 ft

DEPTH	BLOW	Qu	W	DEPTH	BLOW	Qu	W
H	S	tsf	%	H	S	tsf	%
2	P 15			10			12
4	4.5+			29			
7				36			
5	P 12			14			14
6	4.5+			48			
7				50/4"			
5	P 12			10			12
7	4.5+			19			
8				21			
584.83				50/4"			
5	P 14			580.83			
8	4.5+						
10				558.33			
5	S 14						
6	9.2						
9							
579.83							
10	P 7						
39	4.5+						
47							
9	P 10						
11	4.5+						
17							
7	P 12						
14	4.5+						
19							
572.33							
9			11				
9							
13							
9			12				
14							
23							
568.33							

Surface Water Elev. \_\_\_\_\_  
Groundwater Elev.: \_\_\_\_\_  
when drilling \_\_\_\_\_  
at Completion \_\_\_\_\_  
after \_\_\_\_\_ Hrs. \_\_\_\_\_

Very dense light brown LOAM/SANDY LOAM, moist

Very dense gray weathered SILTSTONE

See STRUCTURE CORING LOG for core information to termination depth of boring.

Firm to dense light brown SILTY LOAM/SILT, moist

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  
Station 1033+00  
Offset 52.00ft Lt

Surface Elev. 593.33 ft

Core Type NX Core Barrel  
Core Diameter 2.34 in  
Core Length 5 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (Min/ft)	COMP. STRNGTH (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. T8N, R6E

Boring No. B-102  
Station 1031+75  
Offset 70.00ft Lt

Surface Elev. 588.10 ft

DEPTH	BLOW	Qu	W	DEPTH	BLOW	Qu	W
H	S	tsf	%	H	S	tsf	%
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							
14	P 8			10			15
26	4.5+			23			
50				33			
577.60				50/3"			
10	S 9						
17	14.0						
27							
17	P 9						
39	4.5+						
44							
572.10							
19	P 6						
38	4.5+						
45							
5	P 7						
20	4.5+						
30							
584.60							
16	P 9						
23	4.5+						
36							
584.60							
10			13				
33							
50							
583.10							

Surface Water Elev. \_\_\_\_\_  
Groundwater Elev.: \_\_\_\_\_  
when drilling \_\_\_\_\_  
at Completion \_\_\_\_\_  
after \_\_\_\_\_ Hrs. \_\_\_\_\_

Hard brown SILTY CLAY LOAM, moist

Hard brown SILTY LOAM, moist

Hard brown SILTY CLAY LOAM, moist

Hard gray SILTY CLAY LOAM, moist

Very dense gray SILTY LOAM/LOAM, moist

See STRUCTURE CORING LOG for core information to termination depth of boring.

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