

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

SHEET NO. 11  
OF 14 SHEETS

Testing Service Corporation  
STRUCTURE ROCK CORING LOG

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-102 Core Type NX Core Barrel  
Station 1031+75 Core Diameter 2.34 in  
Offset 70.00ft Lt Core Length 5 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVER Y (%)	R . Q (%)	CORE TIME (Min/ft)	COMP. ST R N G T H (tsf)
553.10	Gray SANDSTONE with interbedded SHALE	1	97	49	3	
548.10	End of Boring at 40.0'					286 229
-45.0						
-50.0						
-55.0						

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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SECT. 107WRS-1 STRUCT. NO. DRILLED BY B. Williamson  
COUNTY Effingham LOCATION Douglas Township S. 18, TWP. T8N, RNG. R6E

Boring No.	Station	Offset	Surface Elev.	D	E	B	L	W	Qu	W	Surface Water Elev.	D	E	B	L	W	Qu	W
B-103	1030+22	78.00ft Lt	584.68 ft	H	T	S	W	S	tsf	%	588.2	H	T	S	W	S	tsf	%
							2	P		11					4	P		29
							4	4.5+							4	4.5+		
							5								6			
							8	P		8					3	B		35
							13	4.5+							4	3.6		
							14								7			
							13	P		7					4	P		12
							28	4.5+							6	4.5+		
							25								9			
							7	B		9					3	P		12
							13	8.0							8	4.5+		
							21								11			
							7	P		8					16	P		37
							20	4.5+							5	3.25		
							42								9			
							4	B		13					4	B		30
							9	5.8							6	3.2		
							15								10			
							5								17			
							7								32			
							10								48			
							6	B		14					29			16
							13	7.2							50/5"			
							18								12			
							5	B		18					9			16
							8	5.5							25			17
							14								36			
							4	B		18					40			18
							8	5.2							47			
							13								50/5"			

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

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Testing Service Corporation  
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Boring No.	Station	Offset	Surface Elev.	D	E	B	L	W	Qu	W	Surface Water Elev.	D	E	B	L	W	Qu	W
B-104	1029+50	70.00ft Lt	591.09 ft	H	T	S	W	S	tsf	%	DRY	H	T	S	W	S	tsf	%
							4	P		13					6	P		11
							5	4.5+							10	4.5+		
							9								19			
							11	P		13					5	B		10
							13	4.5+							9	6.1		
							17								23			
							6	P		11					9	B		15
							9	4.5+							14	4.2		
							13								29			
							6	P		10					13	P		18
							12	4.5+							21	4.5+		
							18								28			
							16	P		8					5	P		37
							26	4.5+							5	3.25		
							50								9			
							14	P		10					4	B		30
							39	4.5+							6	3.2		
							50/4"								10			
							17			7					10			18
							32								16			
							48								30			
							29			6					9			16
							50/5"								12			
							18								33			
							14	P		7					25			17
							41	4.5+							36			
							49								42			
							4			8					40			18
							47								50/3"			
							50/5"								50/3"			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test  
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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