

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date 7/1/09

ROUTE US 67 DESCRIPTION Bridge Over Cedar Creek
SECT. (28B)BR-1 STRUCT. NO. 094-0051 DRILLED BY B. Williamson
COUNTY Warren LOCATION Monmouth Township N40° 57' 39.1" W90° 38' 26.1" (GPS Coordinates taken 10/16/09 by D. Reents)
S. 8, TWP. 11N, RNG. 2W

Boring No.	Station	Offset	Surface Elev.	D	B	Qu	W	Surface Water Elev.	Groundwater Elev.:	D	B	Qu	W
B-1 N. Abutment	1178+45	13.00ft LT	665.50 ft	H	S	tsf	%		when drilling	H	S	tsf	%
Aggregate Shoulder			664.50					Medium stiff gray SILTY LOAM, moist					
Stiff brown-dark brown SILTY LOAM, moist				2	P	19			633.5	1	B	27	
				2		1.5			633.5	1	0.70		
				2						2			
				2	P	23				1	B	24	
				1		1.0				1	0.66		
				2						1			
				1	P	19							
				3		1.5			633.50				
				2				Loose gray fine to coarse SAND, trace small gravel, saturated					
				1	P	22				3			
				2		1.0				4			
				3						5			
Stiff brown SILTY CLAY LOAM, moist			655.50										
				2	B	18			628.50				
				3		1.19							
				3				Very dense brown-gray weathered LIMESTONE					
				1	B	22			628.50				
				1		1.15							
				1									
Loose brown SANDY LOAM, moist			650.00					End of Boring at 39' - Auger Refusal					
				2		19							
				4									
				4									
Stiff brown SILTY LOAM, moist			647.50										
				1	B	22							
				2		1.64							
				3									
				1	P	22							
				2		1.0							
				2									
				2	P	24							
				2		1.0							
				2									
			640.50										

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

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Date 6/30/09

ROUTE US 67 DESCRIPTION Bridge Over Cedar Creek
SECT. (28B)BR-1 STRUCT. NO. 094-0051 DRILLED BY B. Williamson
COUNTY Warren LOCATION Monmouth Township N40° 57' 38.0" W90° 38' 25.7" (GPS Coordinates taken 10/16/09 by D. Reents)
S. 8, TWP. 11N, RNG. 2W

Boring No.	Station	Offset	Surface Elev.	D	B	Qu	W	Surface Water Elev.	Groundwater Elev.:	D	B	Qu	W
B-2 N. Pier	1179+07	21.00ft LT	646.50 ft	H	S	tsf	%		when drilling	H	S	tsf	%
Very stiff brown-dark brown SILTY LOAM, moist			643.50					Very dense brown-gray weathered LIMESTONE					
				2	B	19			620.50				
				2		2.54		Bore Hole Continued With Rock Core					
				3									
Loose to very loose brown-gray fine to coarse SAND and small GRAVEL, saturated													
				8									
				3									
				3									
				1									
				1									
				4									
				0									
				1									
				2									
				3									
				3									
				6									
				5									
				5									
				1									
				2									
				2									
				14									
Very dense brown-gray weathered LIMESTONE			627.50										
				50/3"									
				20									
				50/3"									
				50/3"									
				50/3"									
				25									

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 6/30/09

ROUTE US 67 DESCRIPTION Bridge Over Cedar Creek
SECT. (28B)BR-1 STRUCT. NO. 094-0051 DRILLED BY B. Williamson
COUNTY Warren

Boring No. B-2 N. Pier Core Type NX
Station 1179+07 Core Diameter 2 in
Offset 21.00ft LT Core Length 20 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (Min/ft)	COMP. STRNGTH (tsf)
620.50	Gray LIMESTONE Core Run #1 RMR = 74 Moisture Content = 2%	1	100	98		183
	Moisture Content = 4%					352
	Moisture Content = 5%					196
	Moisture Content = 5%	2	98	92		231
	Core Run #2 RMR = 74					
	Moisture Content = 5%					113
	Moisture Content = 3%					301
	End of Boring at 46.0'					

Color pictures of the cores Yes

Cores will be stored for examination until Construction is Completed



DESIGNED - BAS
CHECKED - KEF
DRAWN - SGM
CHECKED - BAS

SOIL BORINGS
STRUCTURE NO. 094-0051

SHEET NO. 26 27 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	310	(28B)BR-1	WARREN	71	50
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT		
CONTRACT NO. 68661					