

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

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Testing Service Corporation
STRUCTURE ROCK CORING LOG

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ROUTE US 67 DESCRIPTION Bridge Over Cedar Creek
SECT. (28B)BR-1 STRUCT. NO. 097-0051 DRILLED BY B. Williamson
COUNTY Warren LOCATION Monmouth Township N40° 57' 37.0" W90° 38' 27.1" (GPS Coordinates taken 10/16/09 by D. Reents)
S. 8, TWP. 11N, RNG. 2W

Boring No.	Station	Offset	Surface Elev.	D E P T H	B L O W S	Qu tsf	W %
B-3 S. Pier	1180+32	25.00ft RT	646.40 ft				
Very stiff brown SILTY LOAM, moist							
643.40							
Soft gray SILTY CLAY LOAM, very moist							
640.40							
Stiff brown-gray SILTY LOAM, moist							
638.40							
Loose to medium dense brown-gray fine to coarse SAND and small GRAVEL, saturated							
624.90							
Very dense brown-gray weathered LIMESTONE							
Bore Hole Continued With Rock Core							
622.90							
-25							

Surface Water Elev. _____
Groundwater Elev.: _____
when drilling 638.4
at Completion 639.4
after _____ Hrs.

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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COUNTY Warren

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	R E C O V E R Y (%)	R Q D (%)	CORE TIME (Min/ft)	COMP. STRNGTH (tsf)
622.90	Gray LIMESTONE Core Run #1 RMR = 71 Moisture Content = 1%	1	95	79		406
-25.0						
	Moisture Content = 3%					164
-30.0						
	Moisture Content = 5%					112
-35.0		2	100	97		105
	Core Run # 2 RMR = 74 Moisture Content = 5%					225
-40.0						
602.90	Moisture Content = 5%					150
-45.0	End of Boring at 43.5'					

Color pictures of the cores Yes
Cores will be stored for examination until _____ Construction is Completed

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ROUTE US 67 DESCRIPTION Bridge Over Cedar Creek
SECT. (28B)BR-1 STRUCT. NO. 097-0051 DRILLED BY B. Williamson
COUNTY Warren LOCATION Monmouth Township N40° 57' 36.9" 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 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-4 S. Abutment	1180+70	13.00ft LT	665.90 ft										
Aggregate Shoulder													
664.90													
Loose brown SANDY LOAM, moist													
662.90													
Medium stiff to stiff brown SILTY LOAM, moist													
633.90													
Loose dark gray SANDY LOAM, moist													
628.90													
Medium dense brown SANDY LOAM, moist													
626.40													
Medium stiff to stiff brown-gray SILTY CLAY LOAM, moist													
621.90													
Very dense brown-gray weathered LIMESTONE													
615.90													
Loose dark brown SANDY LOAM, moist													
642.90													
Stiff dark brown SILTY LOAM, very moist													
-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



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

SOIL BORINGS
STRUCTURE NO. 094-0051

SHEET NO. 27	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
27 SHEETS	310	(28B)BR-1	WARREN	71	51
FED. ROAD DIST. NO. _____ ILLINOIS			FED. AID PROJECT		
			CONTRACT NO. 68661		