

ILLINOIS DEPARTMENT OF TRANSPORTATION  
Testing Service Corporation  
STRUCTURE BORING LOG

Page 1 of 2  
Date 5/12/11

ROUTE U. S. 34 DESCRIPTION Bridge Over Henderson Creek

SECT. 7-2-6-1 STRUCT. NO. \_\_\_\_\_ DRILLED BY B. Williamson

COUNTY Henderson LOCATION Biggsville Township S. 21, TWP. 10N, RNG. 4W

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 %
R34-03	757+63	52.00ft RT	636.40						626.4				
Soft dark brown SILTY LOAM					1 1 2	S 0.49	27	Very soft gray SILTY LOAM					
633.40													
Soft to very soft brown SILTY CLAY LOAM					1 2 2	B 0.35	29	SHALE with LIMESTONE FRAGMENTS					
-5											2 4	B 0.23	23
628.40													
Soft brown SANDY CLAY LOAM					0 0 1	B 0.17	36	SHALE with LIMESTONE FRAGMENTS					
-10											4 16 9		15
625.40													
Very loose brown SANDY LOAM					1 1 2		22	Boring continued with rock core					
620.40													
Very soft gray SILTY LOAM					0 1 2		24	610.80					
-15											100/6"		23
618.40													
Very stiff gray SILTY LOAM					1 1 3	S 0.13	31	603.40					
616.40													
Medium stiff gray SILTY LOAM					4 9 7	S 2.06	21	-35					
-20													
611.40													
-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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COUNTY Henderson

Boring No. R34-03 Core Type NX

Station 757+63 Core Diameter 2 in

Offset 52.00ft RT Core Length 16 ft

Surface Elev. 636.40 ft

Top Elev.	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (Min/ft)	COMP. STRENGTH (psi)
594.40	LIMESTONE	1	89	55		
592.40	SHALE					
-45.0						
589.90	LIMESTONE					
-50.0						
		2	100	77		
-55.0						
578.40	End of Boring at 58'					
-60.0						

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

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

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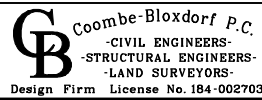
SECT. 7-2-6-1 STRUCT. NO. \_\_\_\_\_ DRILLED BY B. Williamson

COUNTY Henderson LOCATION Biggsville Township S. 21, TWP. 10N, RNG. 4W

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 %
R34-04	757+76	37.00ft LT	637.80						629.3				
Medium stiff to soft dark brown SILTY LOAM					1 2 2	S 0.52	27	Boring continued with rock core					
633.40													
Soft to very soft brown SILTY CLAY LOAM					2 2 2	S 0.37	30	610.80					
-5													
629.80													
Medium stiff dark brown SANDY LOAM					0 1 1	B 0.37	28	-30					
-10													
624.80													
Very loose gray SILT					1 1 1		31	-35					
-15													
619.80													
Medium dense gray SILT					0 0 1	S 0.93	36	-40					
-20													
614.80													
SHALE with LIMESTONE FRAGMENTS					6 8 10		24	-45					
-25													
611.40													
-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

FILE NAME = 0063-78134-041-borings.dgn  
PROJECT NO. 04065



USER NAME = .MML.	DESIGNED - CME	REVISED -
PLOT SCALE = 0.2" = 1' / IN.	CHECKED - MCB	REVISED -
PLOT DATE = 10/16/2012	DRAWN - MML	REVISED -
	CHECKED - MCB	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS  
STRUCTURE NO. 036-0062 (E.B.) & 036-0063 (W.B.)**

SHEET NO. 41 OF 45 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
313	7-2, 6-1	HENDERSON	976	494
CONTRACT NO. 68409				
ILLINOIS FED. AID PROJECT				