

ILLINOIS DEPARTMENT OF TRANSPORTATION  
Testing Service Corporation  
STRUCTURE BORING LOG

Page 1 of 2  
Date 3/16/12

ROUTE U. S. 34 DESCRIPTION Bridge Over Henderson Creek  
SECT. 7-2-6-1 STRUCT. NO. \_\_\_\_\_ DRILLED BY M. Rutledge  
COUNTY Henderson LOCATION Biggsville Township S. 21, TWP. 10N, RNG. 4W

Boring No. R34-09 D E P T H B L O W S Qu W Surface Water Elev. \_\_\_\_\_  
Station 755+65 P T W S tsf % Groundwater Elev.: \_\_\_\_\_  
Offset 60.00ft RT H S Qu W when drilling 624.0  
Surface Elev. 637.00 ft H S Qu W after 622.0 Hrs.

Soil Description	Depth (ft)	Blow Count (B)	Penetration (P)	Time (T)	Soil Description	Depth (ft)	Blow Count (B)	Penetration (P)	Time (T)
Soft dark brown SILTY LOAM	0-3	1			Medium stiff gray SILTY LOAM	0-3			
	3-5	2				5-8	5		
	5-6	1				8-10	6		
	6-7	2				10-11	8		
Soft brown SILTY LOAM	631.00-629.00	0							
	629.00-626.00	1							
Soft brown SILTY CLAY LOAM	626.00-624.00	0							
	624.00-621.00	2							
Very soft dark brown SILTY CLAY LOAM	621.00-619.00	0							
	619.00-618.00	0							
Very loose gray fine to medium SAND	618.00-615.00	1							
	615.00-612.00	1							
Very loose gray SANDY LOAM	612.00-609.00	2							
	609.00-607.00	1							
Medium stiff gray SILTY LOAM	607.00-603.00	5							
	603.00-600.00	9							
	600.00-597.00	12							
	597.00-595.00	7							
	595.00-593.00	12							
	593.00-591.00	12							

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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STRUCTURE NO. \_\_\_\_\_  
ROUTE U. S. 34  
SECTION 7-2-6-1  
COUNTY Henderson

Boring No. R34-09 D E P T H B L O W S Qu W  
Station 755+65 P T W S tsf %  
Offset 60.00ft RT H S Qu W  
Elevation 587.00 ft H S Qu W

Soil Description	Depth (ft)	Blow Count (B)	Penetration (P)	Time (T)
Medium stiff gray SILTY LOAM	0-100			
SHALE with LIMESTONE FRAGMENTS	585.00-581.50			
	100/1"			
End of Boring at 55.5' - Auger Refusal	55.5			

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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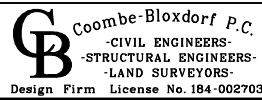
ROUTE U. S. 34 DESCRIPTION Bridge Over Henderson Creek  
SECT. 7-2-6-1 STRUCT. NO. \_\_\_\_\_ DRILLED BY M. Rutledge  
COUNTY Henderson LOCATION Biggsville Township S. 21, TWP. 10N, RNG. 4W

Boring No. R34-10 D E P T H B L O W S Qu W Surface Water Elev. \_\_\_\_\_  
Station 755+65 P T W S tsf % Groundwater Elev.: \_\_\_\_\_  
Offset 60.00ft LT H S Qu W when drilling 625.0  
Surface Elev. 636.00 ft H S Qu W after 624.0 Hrs.

Soil Description	Depth (ft)	Blow Count (B)	Penetration (P)	Time (T)	Soil Description	Depth (ft)	Blow Count (B)	Penetration (P)	Time (T)
Soft dark brown SILTY LOAM	0-1				Medium stiff gray SILTY LOAM	0-1			
	1-2	1				1-2			
	2-3	2				2-3			
	3-4	0				3-4	2		
	4-5	2				4-5	4		
	5-6	2				5-6	4		
	6-7	1				6-7	2		
	7-8	2				7-8	2		
	8-9	0				8-9	1		
	9-10	0				9-10	1		
	10-11	0				10-11	2		
	11-12	0				11-12	4		
	12-13	0				12-13	5		
	13-14	0				13-14	4		
	14-15	0				14-15	5		
Very loose gray fine to medium SAND	623.00-620.00	0							
	620.00-618.50	1							
Very loose gray SANDY LOAM	618.50-618.00	1							
Medium stiff gray SILTY LOAM	618.00-615.00	2							
	615.00-612.00	4							
	612.00-609.00	5							
	609.00-607.00	2							
	607.00-605.00	4							
	605.00-603.00	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

FILE NAME = 0063-78134-045-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. 45 OF 45 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
313	7-2, 6-1	HENDERSON	976	498
CONTRACT NO. 68409				
ILLINOIS FED. AID PROJECT				