ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Date 5/11/11

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. R34-01
Station 757+13
Offset 64.00ft RT
Surface Elev. 637.70 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 626.7
at Completion 627.7
after Hrs.

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
Soft dark brown SILTY LOAM	635.20		1 2 7	S 0.46	25
Stiff dark brown SILTY LOAM	632.70	-5	PUSH TUBE	P 1.25	
Very soft dark brown SILTY CLAY LOAM	629.70		1 1 2	S 0.09	38
Very soft brown SANDY CLAY LOAM		-10	0 0 1	S 0.18	25
Very loose gray fine SAND	625.70		PUSH TUBE		28
Soft dark brown SILTY CLAY LOAM	624.20	-15	1 1 1	S 0.29	21
Medium stiff dark brown SILTY CLAY LOAM	621.70		3 2 5	P 0.75	25
Very stiff to hard gray SILTY LOAM	619.70	-20	6 6 8	S 2.84	18
		-25	6 7 9	S 5.24	21
Hard gray SILTY LOAM	610.70				
Medium stiff to stiff gray SILTY LOAM		-30	9 10 11	S 0.83	22
Wood in Sample		-35	2 2 4	S 1.18	47
Very stiff gray SILTY LOAM	600.70	-40	2 4 6	S 2.06	25
SHALE with LIMESTONE FRAGMENTS	595.20	-45	12 14 38		18
Hard drilling at 42.5'					
	587.70	-50	20 33 14		13

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. R34-01
Station 757+13
Offset 64.00ft RT
Elevation 587.70 ft

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
LIMESTONE	586.50		100/2"		23
End of Boring at 51.2' - Auger Refusal					

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
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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. R34-02
Station 757+30
Offset 63.00ft LT
Surface Elev. 636.80 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 623.8
at Completion
after Hrs.

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
Medium stiff dark brown SILTY LOAM	633.80		2 2 2	B 0.66	24
Soft dark brown SILTY CLAY LOAM	630.80	-5	2 1 2	S 0.41	26
Stiff dark brown SILTY CLAY LOAM	628.80		1 1 2	B 1.05	36
Very soft dark brown SILTY CLAY LOAM		-10	1 1 1	S 0.22	46
			0 1 1		28
Sand seam in sample	620.80	-15	2 1 1		20
Very stiff gray SILTY LOAM	618.80		3 5 9	S 3.30	22
SHALE with LIMESTONE FRAGMENTS		-20	4 12 14		16
Hard drilling at 18'					
Very hard drilling at 23'	613.30				
LIMESTONE	612.80	-25	100/3"		11
End of Boring at 24' - Auger Refusal					

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

ILDOT_BORING 76379.GPJ IDOT.GDT 5/26/11

FILE NAME = ...\036062-0063-78134-049-borings.dgn
CB PROJECT NO 04065

Coombe-Bloxdorf P.C.
-CIVIL ENGINEERS-
-STRUCTURAL ENGINEERS-
-LAND SURVEYORS-
Design Firm License No. 184-002703

USER NAME = _MML_	DESIGNED - CME	REVISED -	
	CHECKED - MCB	REVISED -	
PLOT SCALE = 0:2 ':' / IN.	DRAWN - MML	REVISED -	
PLOT DATE = 10/16/2012	CHECKED - MCB	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 036-0062 (E.B.) & 036-0063 (W.B.)
SHEET NO. 40 OF 45 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
313	7-2, 6-1	HENDERSON	976	493
		CONTRACT NO. 68409		
		ILLINOIS FED. AID PROJECT		