ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Date 5/9/11

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

Boring No. R94-07
Station 26+72
Offset 38.00ft LT
Elevation 668.80 ft

Description	Elev.	Depth	Blows	Qu tsf	W %
Hard brown SILTY LOAM					
			4 7 14	B 6.01	16
		-55			
Hard brown-gray SILTY LOAM	660.80				
			5 29 18	B 4.89	19
Sand seam in sample	658.80	-60			
SHALE					
Hard drilling at 60'					
			8 16 30	B 9.21	18
		-65			
Very hard drilling at 68'					
			16 52 54/4"	S 1.24	19
		-70			
	644.80		100/6"		9
		-75			

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

Description	Elev.	Depth	Blows	Qu tsf	W %
End of Boring at 74'					
		-80			
		-85			
		-90			
		-95			
		-100			

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

Date 5/10/11

ROUTE U. S. 34 DESCRIPTION Route 94 Bridge
SECT. 7-2:6-1 STRUCT. NO. DRILLED BY B. Williamson
COUNTY Henderson LOCATION Gladstone Township S. 24 , TWP. 10N , RNG. 5W

Boring No. R94-08
Station 27+68
Offset 28.00ft RT
Surface Elev. 718.20 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 712.2
at Completion 714.2
after Hrs.

Description	Elev.	Depth	Blows	Qu tsf	W %
Dark brown SILTY LOAM					
	717.20				
Medium stiff dark brown-brown SILTY CLAY LOAM			2 2 4	S 0.74	24
	715.20				
Soft to medium stiff brown-gray SILTY CLAY LOAM			3 2 3	S 0.39	33
		-5			
			1 2 3	B 0.54	32
			PUSH TUBE	P 0.6	28 26
	709.20				
Soft brown-gray SILTY LOAM		-10			
			1 1 1	S 0.39	27
	705.20				
Medium stiff brown-gray SILTY CLAY LOAM			1 1 2	B 0.54	31
		-15			
	702.70				
Very stiff brown-gray SILTY CLAY LOAM			2 4 5	B 2.47	29
			2 4 7	S 2.62	21
		-20			
			PUSH TUBE	P 2.0	24 22 22
		-25			
Very stiff brown-gray SILTY CLAY LOAM					
	691.20				
Hard brown SILTY CLAY LOAM					
			7 9 13	S 4.80	11
		-30			
	686.20				
Very stiff brown SILTY LOAM					
			3 6 9	S 3.71	13
		-35			
			3 5 7	B 3.49	14
		-40			
			3 7 9	S 2.84	16
		-45			
			4 4 4	S 3.27	17
		-50			

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

Boring No. R94-08
Station 27+68
Offset 28.00ft RT
Elevation 668.20 ft

Description	Elev.	Depth	Blows	Qu tsf	W %
Very stiff brown SILTY LOAM					
	665.20				
Very stiff gray-brown SILTY CLAY LOAM			1 5 8	B 3.05	17
		-55			
	661.20				
Hard gray-brown SILTY CLAY LOAM					
			5 10 12	S 4.74	13
	658.20	-60			
SHALE					
Hard drilling at 60'					
			4 14 24	S 6.33	13
		-65			
Very hard drilling at 66'					
	648.90		25 75/3"		11
		-70			
End of Boring at 69.3'					
		-75			

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

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

FILE NAME = ...\036D065-68409-023-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 - RKM	REVISED -
	CHECKED -	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. 036-0065

SHEET NO. 23 OF 23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	7-2, 6-1	HENDERSON	976	521
		CONTRACT NO. 68409		
		ILLINOIS FED. AID PROJECT		