



Illinois Department
of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 12/15/09

ROUTE FAI 74 DESCRIPTION Overhead Sign on ramp from EB US 34 To WB I-74 LOGGED BY Mike(GSG)

SECTION 48(26-1,26,27)SG-1 LOCATION Colesburg East Quadrangle, SEC. 36, TWP. 12N, RNG. 1E, 4th PM.
Latitude Longitude

COUNTY Knox DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 4C048U034R007.9 Surface Water Elev. - ft
Station 631+45(exist) P O S Stream Bed Elev. - ft
BORING NO. 63150 T W S Groundwater Elev. - ft
Station 631+50 H S Du S First Encounter - ft
Offset 75.8ft Rt Median CL After - Hrs. (ft) (1/6") (1st) (2)
Ground Surface Elev. 822.20 ft

DEPTH (ft)	SOIL DESCRIPTION	U (ft)	M (ft)	D (ft)	B (ft)	U (ft)	M (ft)	D (ft)	B (ft)
0	ASPHALT								
0	Brown & Black SAND & GRAVEL								
3									
4	Brown & Gray SILTY CLAY LOAM, trace organics		22						26
6									P
3.5	5" seam brown silty loam at 3.5'								
4			33						
5									
3									
5		2.5	21						25
7		P							S
2									
3									
5		2.0	26						26
10	Black SILTY LOAM, trace organics								B
11	Brown & Gray SILTY LOAM, trace organics								
3									
4		3.0	21						
6		P							
3									
4	Black & Gray SILTY CLAY LOAM, trace organics		27						
5									
3									
6	Brown, Black & Gray CLAY, trace organics		20						
8		3.8							
		P							
3									
7	Brown & Gray SILTY LOAM		21						
11		3.0							
		P							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, form 137 (Rev. 8-99)

DESIGNED -	20
CHECKED -	EXAMINED
DRAWN -	ENGINEER OF BRIDGE DESIGN
CHECKED -	PASSED
	ENGINEER OF BRIDGES AND STRUCTURES