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SOIL BORING LOG

Date 7/29/08

ROUTE FAI 74 DESCRIPTION WB I 74 Overhead Sign, Exit 48A Galesburg LOGGED BY SCI(BCR)

SECTION 48-27 LOCATION Galesburg, SE 1/4, SEC. 12, TWP. 11N, RNG. 1E, 4th PM,

COUNTY Knox DRILLING METHOD CME 45, HSA HAMMER TYPE AUTO

STRUCT. NO. 4C0481074L048.0(Exit) D E L C O M
Station 345+10(Exit) P O S I T I O N
BORING NO. 34480 H S O U T
Station 344+80
Offset 48ft Lt (of WBL CL)
Ground Surface Elev. 796.50 ft (ft) (1/6") (ft) (ft) (ft)

DEPTH (ft)	SOIL DESCRIPTION	U (ft)	M (ft)	D (ft)	B (ft)	U (ft)	M (ft)
0	FILL: Stiff to Very Stiff, Brown SANDY CLAY LOAM						
8							
5		1.4	14				
6	becomes brown	B					
6							
5	w/ Brown & Gray Clay	2.1	14				
-5		S					
791.00	FILL: Very Stiff, Brown CLAY LOAM w/ Trace fine gravel						
2							
3		2.3	16				
4		B					
2	w/ Brown & Gray Clay						
2							
2		2.1	21				
-10		B					
786.00	FILL: Stiff to Very Stiff, Brown & Gray CLAY						
2							
3		1.4	21				
4		B					
3							
5	Very Stiff, Dark Brown CLAY LOAM	3.0	28				
-15		P					
782.25	Very Stiff, Gray & Brown CLAY						
3							
3		2.3	26				
6		B					
2							
2	Medium Stiff, Brown & Gray SILTY CLAY	0.6	27				
-20		B					

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)

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BORING NO. 34480 H S O U T
Station 344+80
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Ground Surface Elev. 796.50 ft (ft) (1/6") (ft) (ft) (ft)

DEPTH (ft)	SOIL DESCRIPTION	U (ft)	M (ft)	D (ft)	B (ft)	U (ft)	M (ft)
0	Medium Stiff to Very Stiff, Brown CLAY LOAM (continued)						
3							
5		1.7	14				
7	Stiff, Grayish Brown SANDY LOAM w/ trace fine gravel	B					
754.00	End of Boring						
-45							
-50							
-55							
-60							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, form 137 (Rev. 8-99)

DESIGNED	20
CHECKED	ENGINEER OF BRIDGE DESIGN
DRAWN	ENGINEER OF BRIDGES AND STRUCTURES
CHECKED	