Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 5/5/06

ROUTE US 24 DESCRIPTION OVERHEAD SIGN WB US 24 (EX. SN 4S090U024L001.30) LOGGED BY JAR

SECTION - LOCATION , SEC. , TWP. , RNG. ,

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. Exist S.N. 4S090U024L001.30
Station Exist 293+00

BORING NO. 29289
Station 292+89
Offset 1ft Lt Median CL
Ground Surface Elev. 100.00 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter none ft
Upon Completion none ft
After - Hrs. - ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	3		
	5 10	6.4 B	11
	2		
-5	2 5	4.3 B	12
	2		
	4 6	3.5 B	12
	1		
-10	5 11	2.3 S	12
	1		
	7 8	5.8 B	10
	1		
-15	7 9	4.1 B	11
	4		
	4 4	5.4 B	11
	1		
-20	3	2.7	12

Br Gr CLAY LOAM TILL

Br Gr CLAY LOAM TILL 79.50
(continued)
**GROUND ELEV.@BORING=100.00
End of Boring

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	8	B	
-25			
-30			
-35			
-40			

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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SOIL BORING LOG

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Date 7/28/08

ROUTE FAP 317 DESCRIPTION WB US 24 Overhead Sign Truss @ Ramp to NB IL 116, DL Shoulder LOGGED BY SCI(BCR)

SECTION 17 LOCATION East Peoria, NE 1/4, SEC. 14, TWP. 26N, RNG. 4W, 3rd PM, Latitude N40° 42' 54.5", Longitude W89° 31' 23.1"

COUNTY Tazewell DRILLING METHOD CME 45, HSA HAMMER TYPE AUTO

STRUCT. NO. 4S090U024L001.3(Exist)
Station Exist 293+00

BORING NO. 29327
Station 293+26.5
Offset 31ft Lt (of WBL CL)
Ground Surface Elev. 100.28 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter - ft
Upon Completion none ft
After 24 Hrs. none ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	4		
	5 6	2.3 P	11
	4		
-5	4 6	2.8 P	11
	2		
	4 4		10
	2		
-10	3 4	2.1 B	11
	2		
	5 5	2.7 B	12
	3		
-15	4 7	4.0 B	12
	3		
	3 8	5.2 B	12
	1		
-20	4 6	3.8 B	11

ASPHALT, 8" 99.61
FILL: Stiff to Hard, Brown CLAY LOAM w/ trace fine gravel

poor recovery, no Qu taken

trace tree limb

becomes lighter brown, brown & grayish brown

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	4		
	6 9	4.8 B	12
	6		
-25	8 9	3.5 B	12
	4		
	6 7	1.5 B	14
	4		
	6 8	4.9 B	13
70.28 -30			
-35			
-40			

FILL: Stiff to Hard, Brown CLAY LOAM w/ trace fine gravel (continued)

** ELEV= Assumed benchmark of 100.0 ft at highpoint of roadway

End of Boring

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 -	
CHECKED -	
DRAWN -	
CHECKED -	

- 20

EXAMINED

ENGINEER OF BRIDGE DESIGN

PASSED

ENGINEER OF BRIDGES AND STRUCTURES