BORING LOGS
STA. 466 + 50
SN 037–1192

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

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Date 2/16/12

ROUTE FAS 226 DESCRIPTION 037-1192 P92-088-09 Box Culvert on US 6, .1 m. W. of 900E LOGGED BY Be. Wetzell

SECTION 3T & 3BR-1 LOCATION Edford Twp. - 16SE, SEC. , TWP. 17N, RNG. 2E

COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 037-1192
Station 466+50

BORING NO. B-2
Station 466+62
Offset 11.00ft Rt Cl
Ground Surface Elev. 632.50 ft

Surface Water Elev. ____ ft
Stream Bed Elev. ____ ft

Groundwater Elev.:
First Encounter ____ ft
Upon Completion ____ ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				MEDIUM gray SANDY LOAM
		0.5 P	13.0	
630.00				
	4			VERY STIFF black SILTY LOAM
	5	2.3	16.0	
628.50	6	S		
-5				
	4			VERY STIFF black SILTY CLAY LOAM
	5	2.1	27.0	
626.00	8	B		
	2			SOFT gray SANDY LOAM
	2	0.4	24.0	
623.00	4	B		
-10				
	2			LOOSE gray dirty fine SAND
	4			
620.50	3			
	3			STIFF gray SILTY CLAY LOAM TILL
	4	1.5	14.0	
618.50	6	B		
-15				
	3			STIFF gray SILTY CLAY LOAM TILL
	5	1.9	12.0	
616.00	7	B		
	4			STIFF gray SILTY CLAY LOAM TILL
	6	2.1	14.0	
613.50	7	B		
-20				

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
	4			VERY STIFF gray SILTY CLAY LOAM TILL
	5	2.7	13.0	
611.00	8	B		
	5			VERY STIFF gray SILTY CLAY LOAM TILL
	6	2.5	12.0	
608.50	8	B		
-25				
	5			VERY STIFF gray SILTY CLAY LOAM TILL
	8	2.5	14.0	
606.00	11	B		
	3			VERY STIFF gray SILTY CLAY LOAM TILL
	10	2.9	15.0	
603.50	11*	B		
-30				
	4			VERY STIFF gray SILTY CLAY LOAM TILL
	12	3.3	14.0	
601.00	11*	B		
	5			HARD tan SILTY CLAY LOAM TILL
	22	5.7	12.0	
598.50	19*	B		
-35				
	3			HARD tan SILTY CLAY LOAM TILL
	18	5.2	13.0	
596.00	19*	B		
				* Estimated
				End of Boring
-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, from 137 (Rev. 8-99)

FILE NAME = C:\pw_work\pwidot\cushmanbw\d0169166\D26B089-sht-logs.dgn	USER NAME = hagemanjd	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = Wed Oct 24 11:21:11 2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
226	3T & 3BR-1	HENRY	210	93
		CONTRACT NO. 64F25		
		ILLINOIS FED. AID PROJECT		