Illinois Department of Transportation
Division of Highways
Terracon, PTB 161-020, WO 5

SOIL BORING LOG

Date 2/18/14

ROUTE IL 6 DESCRIPTION IL-6 SB at ramp to I-74 West LOGGED BY AF

SECTION D-4 Sign Truss LOCATION Peoria, SEC. , TWP. , RNG. ,
Latitude , Longitude

COUNTY Peoria DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 4S072S006L000.50(exist)
Station

BORING NO. 4-21 (Shoulder)
Station 190+85
Offset 87.0 ft Rt Median CL
Ground Surface Elev. 601.23 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 (%)
	SILTY CLAY, brown, stiff to hard (first 2 samples frozen)		
	5		
	10 13	2.1 S	19
	3		
	7 7	4.5 P	18
-5			
	3		
	4 5	1.1 S	21
	3		
591.23	4 6	1.5 P	17
-10			
	SANDY CLAY, brown, stiff to very stiff		
	2		
	3 5	1.0 B	19
	7		
	11 13	3.0 P	17
-15			
585.23	4		
	CLAY, gray, very stiff		
	9 11	3.5 B	17
	12		
	14 15	5.3 S	10
-20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	CLAY, gray, very stiff *(continued)*		
580.23			
	SANDY CLAY, brown, hard		
	12		
	23 23	4.5 P	10
	with rock fragments		
	12		
	24 30	4.5 P	9
-25			
	17		
	23 50/3"	4.5 P	9
	30		
571.23	35 35		12
-30			
	End of Boring		
-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)

FILE NAME = overhead sign plans.dgn	USER NAME = davisaa	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 39.370 ' / in.	CHECKED -	REVISED -
Model	PLOT DATE = 3/21/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4-4 OVD SIN STR REPL 14-47	VARIOUS	65	57
		CONTRACT NO. 46314		
	ILLINOIS FED. AID PROJECT			