Illinois Department of Transportation
Division of Highways
Terracon, PTB 161-020, WO 6

SOIL BORING LOG

Date 2/13/14

ROUTE IL 6 DESCRIPTION I-474 WB, 1 mile east of I-74/IL-6 LOGGED BY AF

SECTION D-4 Sign Truss LOCATION Peoria, SEC. 35, TWP. 9N, RNG. 7E,
Latitude , Longitude

COUNTY Peoria DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 4S072I474L001.6(exist)
Station

BORING NO. 4-18 (Shoulder)
Station 109+32
Offset 96.0 ft Lt Median CL
Ground Surface Elev. 566.00 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 (%)	Description
				FILL: SAND, brown, medium dense (first sample frozen)
	4			
	6		14	
	8			
	3			
	6		18	
-5	4			
550.50	7			
	50/4"		22	Rock obstruction was encountered at about 6.5 ft, boring was offset 5 ft. to east
	19			Sample at 8.5' : no recovery
	27			
-10	18			
	16			Sample at 11' : no recovery
	16		17	
563.00	13			
	7			**SILT**, with rock fragments, gray, dense
	14		14	
-15	17			
550.00	7			
	11	5.2	11	**SANDY CLAY**, gray, very stiff to hard
	13	S		
	5			with silt seams
	6	4.5	11	
-26	12	P		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
	9			**SANDY CLAY**, gray, very stiff to hard *(continued)*
	18	4.5	10	
	30	P		
542.50				
	24			**SILT**, gray, very dense
	33		15	
-25	46			
540.50				
	9			**SILTY CLAY**, gray, very stiff to hard
	10	2.2	19	
	16	S		
	5			
	10	4.5	23	
536.00 -30	15	P		
				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 = davisse	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 39.3701 ' / 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	04-4 OVD SIN STR REPL 14-4T	VARIOUS	65	50
		CONTRACT NO. 46314		
	ILLINOIS FED. AID PROJECT			