



SOIL BORING LOG

ROUTE IL 6 DESCRIPTION I-474 EB at ramp to I-74 East LOGGED BY AF

SECTION D-4 Sign Truss LOCATION Peoria, SEC. 23, TWP. 9N, RNG. 7E

COUNTY Peoria DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 4C072474R000.10(exdst)	DEPTH	BULGE	UCS	M O	Surface Water Elev.	DEPTH	BULGE	UCS	M O
Station	(ft)	(%)	(tsf)	(%)	ft	(ft)	(%)	(tsf)	(%)
BORING NO. 4-08					Stream Bed Elev.				
Station 501+40(mainline)					ft				
Offset 85.0 ft Rt Median CL					Groundwater Elev.:				
Ground Surface Elev. 607.21					First Encounter				
					ft				
					Upon Completion				
					ft				
					After				
					Hrs.				

FILL: SANDY CLAY, brown, stiff (first sample frozen)	8				FILL: SILTY CLAY, brown, stiff (continued)	566.21			
	5	4.0	20		FILL: SILTY CLAY LOAM, brown and gray, stiff to very stiff		4		
	3	P			Sample at 22': with wood fragments		5	1.0	25
							6	S	
FILL: SANDY CLAY LOAM, brown and gray, stiff to hard	5						7		
	10	4.5	10				9	2.7	12
	9	P					9	S	
	10						6		
	15	3.1	9				9	4.0	12
	15	S					8	P	
	6						3		
	7	4.4	12		Sample at 28': with wood fragments		3	1.8	14
	9	S					4	S	
	-10					577.21	-30		
	4				End of Boring				
	6	3.0	11						
	7	S							
	5								
	4	2.0	12						
	-15	10	P				-35		
Sample at 16': with rock fragments	7								
	11	2.0	11						
	11	P							
	5								
	4	1.2	19						
FILL: SILTY CLAY, brown, stiff	5	S					-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)

BSS, form 137 (Rev. 8-99)



12.0" Radius, 2.0" Border, White on Green;
"EXIT" E Mod 2K; "0B" E Mod 2K;
12.0" Radius, 2.0" Border, White on Green;
"EAST" E Mod 2K; "Peoria" Clearview/Hwy-5-W; Arrow 160 - 35.0" 45";
Table of widths and spaces:

E	X	I	T	0	B	E	A	S	T	P	E	O	R	I	A
66.8	7.4	1.4	8.7	2.1	2.0	1.8	7.4	15.0	12.6	3.6	12.2	15.0			
13.5	36.0	15.0	11.1	2.5	12.2	1.8	9.7	1.6	8.9	8.0	27.5	8.0			
21.8	11.5	4.5	11.7	4.8	12.4	5.4	7.3	4.4	3.8	4.7	11.9	51.8			

NOTE:
SHOP DRAWINGS SHALL BE SUBMITTED TO THE DISTRICT PRIOR TO FABRICATION

FILE NAME: overhead sign plans.dgn	USER NAME: davis	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DESIGN & SOIL BORING	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Model	PLOT SCALE: 3/32" = 1"	DRAWN: -	REVISED: -			VAR	04+4.0VD SIN STR REPL 14-47	VARIOUS	65	31	
	PLOT DATE: 3/21/2014	CHECKED: -	REVISED: -			SCALE:	SHEET OF SHEETS	STA.	TO STA.	CONTRACT NO. 46314	
		DATE: -	REVISED: -			[ILLINOIS] FED. AID PROJECT					