



Illinois Department of Transportation
Division of Highways
Tennison, P.O. Box 100, Mt. Vernon, IL 61150

SOIL BORING LOG

ROUTE IL 6 DESCRIPTION I-74 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

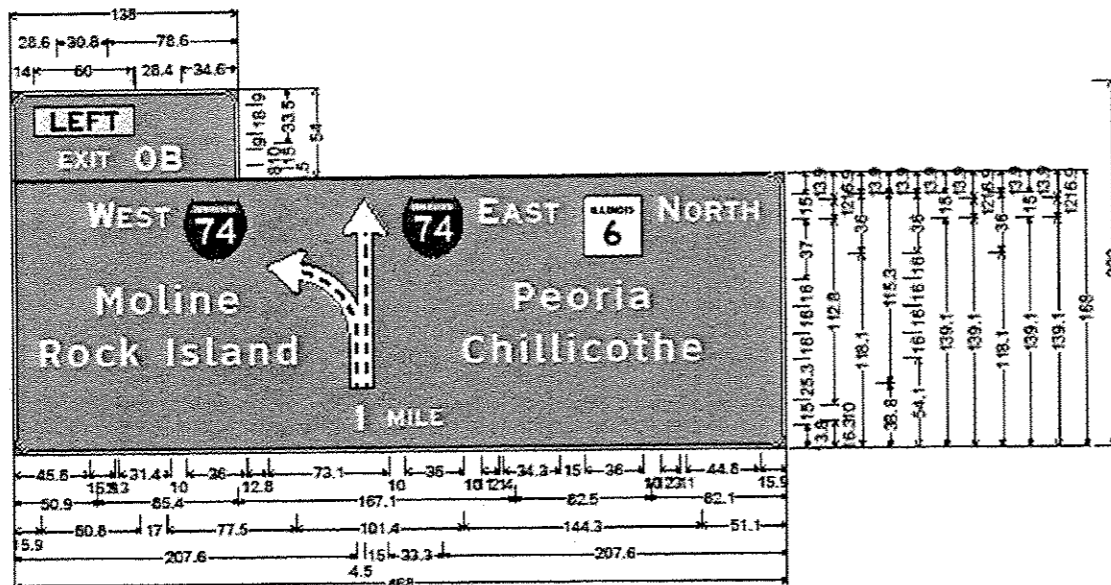
STRUCT. NO. 4S072474L001.6 (exist)
Station _____
BORING NO. 4-18 (Median)
Station 109+15
Offset 7.0 ft Lt Median CL
Ground Surface Elev. 567.30

DEPTH (ft)	BLU (ft)	UCS (tsf)	MOIST (%)	DEPT (ft)	BLWS (ft)	UCS (tsf)	MOIST (%)
11							
15	4.5						
22	P						
24							
25							
24							
25							
13							
22							
18							
6							
7	6.6						
11	S						
9							
12							
14							
18	4.5						
14							
30	6.0						
19	S						

DEPTH (ft)	DESCRIPTION	ELEVATION (ft)	DEPT (ft)	BLWS (ft)	UCS (tsf)	MOIST (%)
0	FILL: SAND, brown, medium dense (first sample frozen)					
6						
8						
9						
4	occasional clay pockets					
7						
7						
561.80						
2	CLAY, brown and gray, stiff to very stiff					
3						
5						
568.80						
5	SILT, gray and brown, medium dense					
12						
15	SANDY SILT, gray, medium dense					
568.30						
6	SANDY CLAY, gray, very stiff to hard					
7						
11						
9						
12						
14						
15						
10	Sample at 16' with rock fragments					
14						
18						
548.80						
14	SILTY CLAY, gray, very stiff to hard					
30						
19						

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)



12.0" Radius, 2.0" Border, White on Green;
Rectangle Yellow;
"EXIT" E Mod 2K; "08" E Mod 2K;
12.0" Radius, 2.0" Border, White on Green;
"WEST" E Mod 2K; "Moline" Clearview Hwy-5-W; "Rock Island" Clearview Hwy-5-W;
Diagrammatic Arrow lane lines Black; "EAST" E Mod 2K; "NORTH" E Mod 2K;
"Peoria" Clearview Hwy-5-W; "Chillicothe" Clearview Hwy-5-W; "1 MILE" E Mod 2K;

Table of widths and spaces:

14.0	60.0	1.0	0	12.6	3.6	12.1	364.8															
28.6	7.4	1.4	8.8	2.0	2.0	1.8	7.4	408.6														
45.8	15.9	2.3	8.8	2.1	9.6	1.8	8.9	10.0	36.0	12.8	72.1	10.0	36.0	10.0	11.1							
2.4	12.0	1.9	9.6	1.9	8.9	15.0	36.0	10.0	12.1	3.1	10.1	2.9	9.6	1.3	8.8	2.1	9.6	15.9				
50.9	14.8	5.6	12.5	5.4	5.0	4.5	3.8	5.6	11.1	5.5	11.8											
167.1	11.6	4.5	11.8	4.8	12.3	5.4	7.4	4.3	3.8	4.8	11.9	82.0										
15.9	12.0	4.9	12.4	4.8	10.8	4.5	11.4	17.0	3.0	5.1	10.3	5.1	5.0	3.9	11.9	5.0	11.1	5.5	11.5			
101.4	13.0	4.9	11.1	5.8	3.8	5.6	5.1	4.8	5.0	4.5	3.8	5.0	10.9	4.0	12.4	2.8	7.8	4.8	11.1	5.4	11.8	51.1
207.6	4.5	15.0	9.3	2.8	2.0	2.8	7.4	1.6	7.4	207.6												

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: 3/4" = 1'-0"	DRAWN: -	REVISED: -			VAR	D-4 OVD SIN STR REPL 14-47	VARIOUS	65	49		
	PLOT DATE: 3/21/2014	CHECKED: -	REVISED: -			SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
		DATE: -	REVISED: -									
												ILLINOIS FED. AID PROJECT
						CONTRACT NO. 46314						