



Illinois Department of Transportation  
Division of Highways  
ILLINOIS DOT

### SOIL BORING LOG

Page 1 of 1

Date 7/28/11

ROUTE FAI 72 DESCRIPTION Overhead Sign Truss - WB LOGGED BY E. Sandschafer

SECTION N/A LOCATION S 1/2, SEC. 23, TWP. 17 N, RNG. 2 E, 3 PM

COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 7S0581072L141.4  
Station 166+85  
BORING NO. 1 (Median)  
Station 167+13  
Offset 0.0ft CL  
Ground Surface Elev. 643.76 ft (ft) /6" (tsf) (%)

DEPTH (ft)	B	S	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	DEPT	BL	UC	MO
(ft)	(tsf)	(tsf)	(%)	(%)	N/A ft	N/A ft	First Encounter Dry ft	(ft)	/6"	(tsf)	(%)
0							Very stiff, damp, gray, CLAY LOAM TILL.	4	1.4	12	
7								6	B		
8	3.9							3			
13	B							5	2.1	11	
639.26							Medium, damp, gray, CLAY LOAM TILL.	10	B		
3								3			
4	0.5							4	1.7	12	
4	B							7	B		
636.76							Stiff, damp, gray, CLAY LOAM TILL.	4			
3								6	3.9	11	
5	1.5							11	B		
6	B							6			
-10								3			
6	1.7							8	2.6	12	
6	B							9	B		
612.76							Extent of exploration.				
2								4	1.4	12	
4	B						Benchmark: Temporary BM on top of existing North OH Sign Truss foundation = 646.29'	5	B		
5								11	B		
-15								3			
3	1.2							5	1.9	12	
4	B							8	B		
2								3			
3	1.5							4	1.6	12	
6	B							7	B		
623.76								3			
2								4			
-20								7	B		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)  
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating  
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)



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Date 7/29/11

ROUTE FAI 72 DESCRIPTION Overhead Sign Truss - WB LOGGED BY E. Sandschafer

SECTION N/A LOCATION S 1/2, SEC. 23, TWP. 17 N, RNG. 2 E, 3 PM

COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 7S0581072L141.4  
Station 166+85  
BORING NO. 2 (North)  
Station 167+13  
Offset 80.0ft LI  
Ground Surface Elev. 646.13 ft (ft) /6" (tsf) (%)

DEPTH (ft)	B	S	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	DEPT	BL	UC	MO
(ft)	(tsf)	(tsf)	(%)	(%)	N/A ft	N/A ft	First Encounter Dry ft	(ft)	/6"	(tsf)	(%)
0							Very stiff, damp, gray, CLAY LOAM TILL.	6	2.4	12	
644.63								8	B		
6							Medium damp, gray, fine grained, SAND.	3			
8% passing #200 sieve.								6	2.4	12	
12								9	B		
14								6			
635.93							6% passing #200 sieve.	8	2.2	11	
6								10	B		
-5								4			
8								10	B		
10% passing #200 sieve.								2			
1								4	1.3	13	
15								6	B		
12								3			
3								5	2.4	11	
635.93							Very stiff, damp, gray, CLAY LOAM TILL.	8	B		
6	2.4							8	B		
8	B						Extent of exploration.				
4								4			
8	3.7						Benchmark: Temporary BM on top of existing North OH Sign Truss foundation = 646.29'	11	B		
11	B							3			
-15								5	1.9	12	
3								8	B		
5	1.9							3			
8	B							4	1.6	12	
3								7	B		
626.13								3			
-20								4			
-40								7	B		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)  
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating  
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 =	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOIL BORING LOG SN 7S0581072L141.4</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILEL*		DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.				17	16
		CHECKED -	REVISED -		CONTRACT NO. 46194							
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							