



SOIL BORING LOG

Date 9/24/96

ROUTE FAI 74 (I-74) DESCRIPTION I-74 over Jefferson St. (CH 22) LOGGED BY D.Reents

SECTION (90-14)R LOCATION Morton, IL, SEC. 17, TWP. 25N, RNG. 3W, 3rd PM. Latitude 40° 37' 16.40350" N, Longitude 89° 28' 39.89823" W

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. EX 090-0016
 Station 558+75.28

BORING NO. 12
 Station 558+17.5
 Offset 49.5R RT
 Ground Surface Elev. 751.73 ft

Surface Water Elev. NA ft
 Stream Bed Elev. NA ft

Groundwater Elev.:
 First Encounter 715.2 ft
 Upon Completion ** ft
 After 24 Hrs. 696.3 ft

DEPTH (ft)	BULGE (in)	S-SHEAR (lb)	P-PENETROMETER (lb)	DESCRIPTION
7	B			Gray CLAY LOAM Till (continued)
2				Organic seams at 81.5 ft to 85.5 ft
3	1.6	16		
5	3			
2				
3	1.8	15		
6	3			
2				
3	1.7	14		
5	3			
3				
6	1.8	13		
7	3			
3				
5	1.8	13		
7	3			
657.73				Gray SILTY CLAY LOAM w/ organics
656.23				

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)



SOIL BORING LOG

Date 9/16/96

ROUTE FAI 74 (I-74) DESCRIPTION I-74 over Jefferson St. (CH 22) LOGGED BY D.Reents

SECTION (90-14)R LOCATION Morton, IL, SEC. 17, TWP. 25N, RNG. 3W, 3rd PM. Latitude 40° 37' 17.16552" N, Longitude 89° 28' 37.89379" W

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. EX 090-0016
 Station 558+75.28

BORING NO. 13
 Station 559+83.0
 Offset 0R CL
 Ground Surface Elev. 748.29 ft

Surface Water Elev. NA ft
 Stream Bed Elev. NA ft

Groundwater Elev.:
 First Encounter 723.3 ft
 Upon Completion None ft
 After 24 Hrs. None* ft

DEPTH (ft)	BULGE (in)	S-SHEAR (lb)	P-PENETROMETER (lb)	DESCRIPTION
7				Brown/Gray CLAY LOAM (Fill)
9	4.2	11		
7	S			
724.79				Gray and Brown CLAY LOAM (Fill)
2				
3	1.6	12		
3	B			
2				Trace of H2O
3				Gray and Dark Gray SILTY CLAY LOAM (Fill)
4	1.7	12		
4	S			
2				Greenish Gray w/ trace of Brown SILTY CLAY
4	2.1	13		
5	B			
2				Silty seams at 11 ft to 15 ft
4	2.5	13		
5	B			
2				
4	2.9	12		
6	B			
3				
7	5.7	12		
8	S			
3				
4	2.8	18		
8	S			

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 Station 559+83.0
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 Stream Bed Elev. NA ft

Groundwater Elev.:
 First Encounter 723.3 ft
 Upon Completion None ft
 After 24 Hrs. None* ft

DEPTH (ft)	BULGE (in)	S-SHEAR (lb)	P-PENETROMETER (lb)	DESCRIPTION
4				Gray CLAY LOAM Till (continued)
5	2.7	17		
7	B			
3				
4	2.8	14		
6	S			
3				
4	2.5	13		
7	B			
6				
4	2.5	14		
6	B			
3				
4	2.7	13		
5	B			
2				
4	0.8	58		4 in. Peat @ 53.5 ft
4	P			
6	2.1	14		
6	B			
2				
4	1.3	14		
5	B			
2				
4	1.7	13		
5	B			

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 BBS, form 137 (Rev. 8-99)



Alfred Benesch & Company
 205 North Michigan Avenue, Suite 2400
 Chicago, Illinois 60601
 312-565-0450 Job No. 10056

FILE NAME = 0900167.68620.58.1og5.dgn	USER NAME = mbecker	DESIGNED - MFB	REVISED -
		CHECKED - MRB	REVISED -
	PLOT SCALE =	DRAWN - PRT	REVISED -
	PLOT DATE = 7/16/2012	CHECKED - MRB	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS 5 OF 10
 STRUCTURE NO. 090-0167

SHEET NO. SB58 OF SB65 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-[14R]14HB-4,14,14HB[BR]	TAZEWELL	2433	1969
CONTRACT NO. 68620				

ILLINOIS FED. AID PROJECT

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7/16/2012