

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log
Sheet 1 of 2

FAP 312 (IL Route 3) Over Matusky Creek

Route: FAP 312 (IL Rte)

Section 123

County: Jackson

Structure Number: 039-2002

Date: 6/17/2010

Bored By: R Moberly

Checked By: R Graeff

Location: 4.8 mi South of Randolph County

Location: 4.8 mi South of Randolph County

Boring No 1-S

Station 370+98

Offset 14' Rt CL

Ground Surface 384.1Ft

DEPTH	BLWS	Qu tsf	W%	Surf Wat Elev: 375.7	Ground Water Elevation when Drilling 364.6	At Completion	At: Hrs:
Crushed aggregate							
383.1							
Medium, moist to very moist, brown, Silty Clay Loam A-4							
357.1							
2	0.8B	24					
2							
2							
5.0	1						
1	0.7S	26					
2							
352.1							
1							
2	0.9B	25					
3							
374.6							
Medium to stiff, moist to very moist, brown, Silty Clay Loam A-4							
10.0	1						
3	1.0B	24					
4							
347.1							
1							
3	0.9B	25					
4							
344.6							
15.0	1						
2	0.8B	23					
3							
367.1							
Soft, very moist, brown, Silty Clay Loam A-6							
WH							
WH	0.3B	28					
1							
339.6							
20.0	WH						
WH	0.4B	24					
1							
362.1							
Medium, very moist, brown, Silty Clay Loam A-4							
WH							
1	0.6B	25					
2							
334.6							
25.0	WH						

N-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. E-Bulge S-Shear E-Estimated P-Penetrometer)

Sheet 2 of 2

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Station: 370+98

Offset: 14' Rt CL

Ground Surface: 384.1Ft

DEPTH	BLWS	Qu tsf	W%	Surf Wat Elev: 375.7	Ground Water Elevation when Drilling 364.6	At Completion	At: Hrs:
Very stiff, moist, grey, Clay A7-6							
6	2.7B	23					
9							
329.6							
Very stiff, moist, grey, Silt Loam to Silty Clay Loam A-4							
55.0	4						
7	2.5B	22					
9							
324.6							
Very stiff, moist, grey, Clay A7-6							
60.0	3						
7	2.9B	21					
9							
319.6							
Stiff, moist, grey, Clay Loam A-6							
65.0	4						
9	1.8B	16					
10							
316.6							
Very dense, damp, white, Sand (insufficient sample for grain size)							
70.0	18						
313.6							
Very stiff, moist, grey, Clay A7-6							
10	2.0E						
Bottom of hole = 71.0 feet							
Free water observed at 19.5 feet							
Elevation referenced to BM @ SW headwall, Elev = 384.5 feet							
75.0							

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