

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log

Sign Truss Foundation

Sheet 1 of 1

Route: FAI 57/24 Structure Number: _____ Date: 5/20/2011

Section _____ Bored By: R Moberly

County: Williamson Location: Milepost 44.9, Median Checked By: R Graeff

Boring No 3-T Station 372+52 Offset 55' Lt CL I57 SBL Ground Surface 98.5 Ft	D E P T H	B L O W S	Qu tsf	W%	Surf Wat Elev:		D E P T H	B L O W S	Qu tsf	W%
					Ground Water Elevation when Drilling	At Completion				
Stiff, moist, brown, Silty Clay A-6			1.5E							
97.0										
Very dense, dry, brown, Sandstone			100/3"							
96.0										
Cored 2.3 to 7.3 feet										
100% Recovery; 48% RQD										
5.0										
Very dense, dry, brown, Sandstone										
91.0										
Cored 7.3 to 12.3 feet										
100% Recovery; 35% RQD										
10.0										
Very dense, dry, brown, Sandstone										
86.0										
Bottom of hole = 12.3 feet										
No free water observed										
15.0										
Elevation referenced to top of existing concrete foundation at median; Assumed Elev.=100.0 ft										
40.0										
Borehole advanced with hollow stem auger (8" O.D, 3.25" I.D.)										
20.0										
To convert "N" values to "N60" multiply by 1.25										
45.0										
25.0										
50.0										

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

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Sheet 1 of 1

Route: FAI 57/24 Structure Number: _____ Date: 5/20/2011

Section _____ Bored By: R Moberly

County: Williamson Location: Milepost 44.9, Driving Shoulder Checked By: R Graeff

Boring No 4-T Station 372+65 Offset 50' Rt CL I57 SBL Ground Surface 99.3 Ft	D E P T H	B L O W S	Qu tsf	W%	Surf Wat Elev:		D E P T H	B L O W S	Qu tsf	W%
					Ground Water Elevation when Drilling	At Completion				
Dense, damp, brown, weathered Sandstone										
98.3										
Augered										
100/1"										
Cored 1.0 to 6.0 feet										
100% Recovery; 62% RQD										
Very dense, dry, brown, Sandstone										
5.0										
93.3										
Cored 6.0 to 11.0 feet										
92% Recovery; 47% RQD										
Very dense, dry, brown, Sandstone										
10.0										
88.3										
Bottom of hole = 11.0 feet										
No free water observed										
Elevation referenced to top of existing concrete foundation at median; Assumed Elev.=100.0 ft										
15.0										
40.0										
Borehole advanced with hollow stem auger (8" O.D, 3.25" I.D.)										
20.0										
To convert "N" values to "N60" multiply by 1.25										
45.0										
25.0										
50.0										

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