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: 5/19/2011

Section Bored By: R Moberly

County: Williamson Location: Milepost 44.6, Driving Shoulder Checked By: R Graeff

Boring No 1-T
Station 388+98
Offset 27' Rt CL I24 EBL
Ground Surface 596.1Ft

Surf Wat Elev:
Ground Water Elevation when Drilling
At Completion
At: Hrs:

Description	Depth	Blows	Qu tsf	W%
Very stiff, moist, brown and grey, Silty Clay to Clay A7-6		2 6 8	2.7B	17
591.6				
Very stiff, moist, brown and grey, Silty Clay to Clay A7-6 with broken Sandstone gravel (Embankment)	5.0	2 6 14	2.3S	19
		20 8 6	1.6S	18
	10.0	4 7 9	1.4S	17
		11 8 6	2.9B	17
581.6				
Stiff, moist, grey, Silty Clay to Clay A7-6	15.0	1 3 5	1.7B	27
579.1				
Medium, very moist, grey, Silty Clay Loam A-4		2 1 2	0.7B	21
576.6				
Stiff, moist, grey and brown, Silty Clay to Clay A7-6 with broken Sandstone gravel	20.0	2 7 9	1.3B	20
574.1				
Very dense, dry, brown, Sandstone		100/2"		
572.1		Refusal		
	25.0			

Bottom of hole = 24.0 feet

No free water observed

Elevation referenced to BM 72 at median foundation; Elev=595.0 ft

Borehole advanced with hollow stem auger (8" O.D, 3.25" I.D.)

To convert "N" values to "N60" multiply by 1.25

Depth	
	30.0
	35.0
	40.0
	45.0
	50.0

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

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 44.6, Median Checked By: R Graeff

Boring No 2-T
Station 389+00
Offset 44' Lt CL I57 SBL
Ground Surface 594.3Ft

Surf Wat Elev:
Ground Water Elevation when Drilling
At Completion
At: Hrs:

Description	Depth	Blows	Qu tsf	W%
Very stiff, moist, brown, Silty Clay A7-6		1 4 7	2.5B	21
589.8				
Stiff, moist, brown, Silty Clay Loam A-6 with broken Sandstone gravel	5.0	2 8 10	1.3B	16
587.3				
Broken Sandstone gravel with Silty Clay binder		3 9 7		13
584.8				
Stiff, moist, grey, Silty Clay Loam A-6	10.0	2 4 4	1.8S	18
582.3				
Stiff, moist, grey, Silty Clay to Silty Clay Loam A-6		2 3 4	1.6S	20
580.3				
Sandstone gravel with Silty Clay binder	15.0	8 13 10		11
578.3				
Very dense, dry, brown, Sandstone with Clay seams		100/3"		
576.8				
	20.0			
	25.0			

Bottom of hole = 17.3 feet

No free water observed

Elevation referenced to BM 72 at median foundation; Elev=595.0 ft

Borehole advanced with hollow stem auger (8" O.D, 3.25" I.D.)

To convert "N" values to "N60" multiply by 1.25

Depth	
	30.0
	35.0
	40.0
	45.0
	50.0

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

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Various	D-9 OVD SIN STR REPL 12-12	Various	17	17

CONTRACT NO. 46185

ILLINOIS FED. AID PROJECT