ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation Boring Log
Sheet 1 of 1

Overhead Sign Truss Over I 24 (Median)

Route: I 24 Structure Number: Truss # 9S100I024L001.1 Date: 9/6/2012
Section WBL Bored By: R Moberly
County: Williamson Location: WB I24 E of I57 Checked By: R Graeff

Boring No 1-ST
Station 27+90
Offset 45' LT CL WBL
Ground Surface 97.0 Ft

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

DEPTH	BLOWS	Qu tsf	W%
Hard, damp, brown, Silty Clay Loam A-6	6 11 11	5.2S	9
92.5			
5.0 Stiff, moist, brown, Clay to Silty Clay A7-6	3 6 6	1.9B	22
	2 4 6	1.6B	19
87.5			
10.0 Very stiff, moist, brown, Clay A7-6	3 6 8	3.7B	19
85.0			
Very dense, dry, brown, Sandstone	100/2"		
82.0 15.0	100/1"		
Bottom of hole = 14.6 feet No free water observed Elevation referenced to top of existing median foundation; Assumed elevation = 100.0 feet Borehole advanced with hollow stem auger (8" O.D, 3.25" I.D.) To convert "N" values to "N60" multiply by 1.25			
20.0			
25.0			

DEPTH	BLOWS	Qu tsf	W%
30.0			
36.0			
40.0			
46.0			
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
Sheet 1 of 1

Overhead Sign Truss Over I 24 (Driving Shoulder)

Route: I 24 Structure Number: Truss # 9S100I024L001.1 Date: 9/6/2012
Section WBL Bored By: R Moberly
County: Williamson Location: WB I24 E of I57 Checked By: R Graeff

Boring No 2-ST
Station 27+91
Offset 51' Rt CL WBL
Ground Surface 96.5 Ft

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

DEPTH	BLOWS	Qu tsf	W%
Stiff, moist, brown mottled grey, Silty Clay A-6	1 2 4	1.5B	24
5.0	2 4 6	1.6B	20
89.5			
Very stiff, moist, brown, Clay A7-6	2 4 6	3.3B	19
86.5 10.0	6		
Very dense, damp, brown, Sandstone with Clay Shale layers	100/9"		
84.5			
Very dense, dry, brown, Sandstone	100/2"		
81.5 15.0	100/1"		
Bottom of hole = 14.6 Feet Free water observed at 12.5 ft. Elevation referenced to top of existing shoulder foundation; Assumed elevation = 100.0 feet Borehole advanced with hollow stem auger (8" O.D, 3.25" I.D.) To convert "N" values to "N60" multiply by 1.25			
20.0			
25.0			

DEPTH	BLOWS	Qu tsf	W%
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 = pritchettl	DESIGNED -	REVISED -
or\pw_work\pwdot\pritchettl\d8334584\sign structure2013-sht-pln.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/20/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING
9S100I024L001.1

SCALE: SHEET OF SHEETS STA. TO STA.

*VARIOUS ROUTES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09 OVD SIN STR REPL13-11	VARIOUS	29	28
		CONTRACT NO. 46227		
	ILLINOIS FED. AID PROJECT			