ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation Boring Log
Sheet 1 of 1

Overhead Sign Truss Over I 57 (Driving Shoulder)
Route: I 57 Structure Number: Truss # 9S091I057R029.8 Date: 9/19/2012
Section NBL Bored By: R Moberly
County: Union Location: I57/IL 146 Checked By: R Graeff

Boring No 2-ST
Station 2710+73
Offset 36' Lt CL NBL
Ground Surface 99.8 Ft

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

DEPTH	BLOWS	Qu tsf	W%	DEPTH	BLOWS	Qu tsf	W%
Very stiff, moist, grey and brown, Clay A7-6	2			Dense, damp, brown, weathered Sandstone and Clay Shale	16		
	3	2.1B	20		18		
	4			71.8	12		
95.3				Hard, dry, grey, Clay Shale 71.3	18		
Very stiff, moist, brown, Silty Clay A-6 5.0	2				50		
	5	2.7B	19	Bottom of hole = 28.5 feet 30.0			
	6			No free water observed			
	5			Elevation referenced to top of existing shoulder foundation; Assumed elevation = 100.0 feet			
	6	2.1B	19				
	7			Borehole advanced with hollow stem auger (8" O.D, 3.25" I.D.)			
90.3							
Stiff, moist, brown, Clay A7-6 10.0	2			To convert "N" values to "N60" multiply by 1.25 35.0			
	3	1.6B	23				
	4						
87.8							
Very stiff, moist, brown, Silty Clay A-6	2						
	5	2.7B	19				
	6						
85.3							
Stiff, moist, grey, Clay A7-6 15.0	2						
	3	1.2B	26				
	4						
	2						
	4	1.3B	23				
	5						
20.0	2						
	4	1.3B	24				
	5						
	1						
	4	1.3B	21				
	4						
75.3							
25.0	16						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 57 (Median)
Route: I 57 Structure Number: Truss # 9S091I057R029.8 Date: 9/14/2012
Section NBL Bored By: R Moberly
County: Union Location: I57/IL 146 Checked By: R Graeff

Boring No 1-ST
Station 2718+78
Offset 55' Rt CL NBL
Ground Surface 99.0 Ft

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

DEPTH	BLOWS	Qu tsf	W%	DEPTH	BLOWS	Qu tsf	W%
Very stiff, moist, brown, Clay to Silty Clay A7-6	2			Stiff, moist, brown, Clay to Silty Clay A7-6	4	1.6B	25
	4	2.5B	16		4		
	6			72.0			
5.0	3			Stiff, moist, brown, Clay A7-6 with broken Sandstone gravel	5		
	4	3.7B	21		12	1.3B	22
	5				13		
89.5				Hard, damp, brown and grey 69.0	30.0		
Stiff, moist, brown, Clay A7-6 10.0	3			weathered Clay Shale	6		
	4	2.1B	18	68.0	15	3.3S	17
	5				18		
	2			Bottom of hole = 31.0 Feet			
	4	1.8B	23	No free water observed			
	5			Elevation referenced to top of existing median foundation; Assumed elevation = 100.0 feet	36.0		
84.5				Borehole advanced with hollow stem auger (8" O.D, 3.25" I.D.)			
Stiff, moist, brown, Silty Clay A-6 15.0	2			To convert "N" values to "N60" multiply by 1.25	40.0		
	3	1.4B	26				
	4						
	2						
	4	1.1B	24				
	4						
20.0	2				45.0		
	3	1.3B	24				
	4						
	2						
	4	1.3B	22				
	4						
74.5							
25.0	2						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 = o:\pw_work\pwdot\petohestll\d0334584\sgn structures2013-sht-pln.dgn	USER NAME = petohestll	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 2/28/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING
9S091I057R029.8

SCALE: | SHEET | OF | SHEETS | STA. | TO STA.

*VARIOUS ROUTES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 OVD SIN STR REPL13-1I	VARIOUS	29	27
		CONTRACT NO. 46227		
	ILLINOIS FED. AID PROJECT			