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 # 9S044I057R042.3 Date: 9/7/2012
Section NBL Bored By: R Moberly
County: Johnson Location: 1 mile south I24 Checked By: R Graeff

Boring No 2-ST
Station 47+79
Offset 21' Lt CL NBL
Ground Surface 101.5 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, Silty Clay A-6							
	2						
	4	3.1B	19				
	4						
				Bottom of hole = 24.8 Feet			
				No free water observed			
5.0	3				30.0		
	6	3.1B	15	Elevation referenced to top of existing shoulder foundation; Assumed elevation = 100.0 feet			
	8						
94.5							
Stiff, moist, grey, Silty Clay Loam A-6	2			Borehole advanced with hollow stem auger (8" O.D, 3.25" I.D.)			
	3	1.6S	22				
	3						
92.0				To convert "N" values to "N60" multiply by 1.25			
Stiff, moist, brown, Silty Clay A-6	10.0 2				35.0		
	3	1.2B	24				
	4						
	2						
	3	1.7B	25				
	5						
87.0							
Very stiff, moist, grey and brown, Clay A7-6	15.0 3				40.0		
	7	2.7S	19				
	9						
84.0	8						
Very stiff, damp, brown and grey, weathered Clay Shale	24	3.7S	10				
	34						
81.5	20.0 12				45.0		
Hard, dry, brown and grey, Clay Shale with Sandstone layers	100/12"						
	100/6"						
76.5	25.0 100/3"				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 # 9S044I057R042.3 Date: 9/5/2012
Section NBL Bored By: R Moberly
County: Johnson Location: 1 mile south I24 Checked By: R Graeff

Boring No 1-ST
Station 47+87
Offset 53' 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%
Hard, damp, brown and tan, Silty Clay A7-6							
	3						
	6	6.5S	17				
	8			Bottom of hole = 24.8 Feet			
94.5				No free water observed			
Medium, very moist, brown, Silty Clay Loam A-6	5.0 2				30.0		
	3	0.9B	24	Elevation referenced to top of existing median foundation; Assumed elev. = 100.0 feet			
	3						
92.0				Borehole advanced with hollow stem auger (8" O.D, 3.25" I.D.)			
Stiff, moist, brown, Silty Clay A-6	2						
	3	1.8B	24	To convert "N" values to "N60" multiply by 1.25			
	5						
89.5							
Stiff, moist, brown and tan, Clay to Silty Clay A7-6 with weathered Clay Shale layers	10.0 3				35.0		
	10	1.8S	16				
	10						
87.0							
Very stiff, damp, grey and brown, weathered Clay Shale	8						
	25	2.1S	11				
	40						
84.0	15.0 10				40.0		
Hard, dry, grey and brown, Clay Shale	100/11"						
	--						
	12						
	50/6"						
79.5							
Hard, dry, grey and brown, Clay Shale with Sandstone layers	20.0 100/4"				45.0		
	100/4"						
74.0	25.0 100/3"				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 = pritchattl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING 9S044I057R042.3		
o:\pw_work\pwidot\pritchattl\d0314684\s	go structure2013-sht-pln-dgn	DRAWN -	REVISED -				
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -				
Default	PLOT DATE = 2/20/2013	DATE -	REVISED -		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	24
		CONTRACT NO. 46227		
		ILLINOIS FED. AID PROJECT		