

ILLINOIS DEPARTMENT OF TRANSPORTATION
 District Nine Materials
 Overhead Sign Truss Over I 24 (Driving Shoulder)
 Route: I 24 Structure Number: Truss # 9S100I024L001.5 Date: 9/6/2012
 Section WBL Bored By: R Moberly
 County: Williamson Location: WB I24 E of I57 Checked By: R Graeff
 Bridge Foundation Boring Log
 Sheet 1 of 1

Boring No	Station	Offset	Ground Surface	DEPT	BLOWS	Qu tsf	W%	Surf Wat Elev:	Ground Water Elevation when Drilling	At Completion	DEPT	BLOWS	Qu tsf	W%
2-ST	118+60	34' Lt CL WBL	100.3Ft											
								Clay A7-6				3	2.0B	26
												4		
								73.3						
					4			Soft, very moist, brown, Silty Clay A-6				1		
					9	6.6S	11					1	0.4B	29
					11							2		
			95.8					70.8						
					5.0			Medium to stiff, very moist, brown, Silty Clay A-6			30.0	1		
					4	1.2B	23					2	1.0B	23
					6							2		
			93.3											
					2			Bottom of hole = 31.0 Feet						
					4	1.3B	20	No free water observed						
					8									
			90.8					Elevation referenced to top of existing shoulder foundation; Assumed elevation = 100.0 feet			35.0			
					10.0			Borehole advanced with hollow stem auger (8" O.D., 3.25" I.D.)						
					5	2.6S	21	To convert "N" values to "N60" multiply by 1.25						
					7									
			88.3											
					2									
					4	2.0B	20							
					6									
					15.0						40.0			
					3	1.8S	22							
					4									
			83.3											
					2									
					3	1.3B	21							
					3									
					20.0						45.0			
					1									
					3	1.6B	26							
					4									
			78.3											
					1									
					2	0.9B	23							
					2									
			76.8											
					25.0						50.0			

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
 District Nine Materials
 Overhead Sign Truss Over I 24 (Median)
 Route: I 24 Structure Number: Truss # 9S100I024L001.5 Date: 9/6/2012
 Section WBL Bored By: R Moberly
 County: Williamson Location: WB I24 E of I57 Checked By: R Graeff
 Bridge Foundation Boring Log
 Sheet 1 of 1

Boring No	Station	Offset	Ground Surface	DEPT	BLOWS	Qu tsf	W%	Surf Wat Elev:	Ground Water Elevation when Drilling	At Completion	DEPT	BLOWS	Qu tsf	W%
1-ST	118+90	55' Rt CL WBL	99.0Ft											
								Hard, damp, brown, Silty Clay A7-6						
								73.3						
					5			Soft, very moist, brown, Silty Clay A-6				1		
					14	5.7S	11					1	0.4B	29
					12							2		
			94.5					70.8						
					5.0			Medium to stiff, very moist, brown, Silty Clay A-6			30.0	1		
					4	2.5S	17					2	1.0B	23
					8							2		
			92.0											
					2			Bottom of hole = 25.0 Feet						
					4	1.1B	26	No free water observed						
					6									
			89.5					Elevation referenced to top of existing median foundation; Assumed elevation = 100.0 feet			30.0			
					10.0			Borehole advanced with hollow stem auger (8" O.D., 3.25" I.D.)						
					1	0.5B	31	To convert "N" values to "N60" multiply by 1.25						
					2									
			87.0											
					1									
					1	0.8B	24							
					2									
			84.0		15.0						40.0			
					3									
					20									
					24									
					42									
					18									
					12									
			79.6											
					20.0						45.0			
					4									
					18	2.3B	15							
					16									
			76.5											
					14									
					100/4"									
			74.0		25.0	100/6"					50.0			

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

FILE NAME =	USER NAME = p-1024111	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING		*VARIOUS ROUTES				
q:\pr_work\p1024111\p1024111.dwg	gn_structur-2013-eh-t-pln.dgn	DRAWN -	REVISED -		9S100I024L001.5		P.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000 1/16"	PLOT DATE = 2/29/2013	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		09 OVD SIN STR REPL13-II	VARIOUS	29	29	
Default		DATE -	REVISED -		ILLINOIS FED. AID PROJECT		CONTRACT NO. 46227				