ILLINOIS DEPARTMENT OF TRANSPORTATION

District Nine Materials

Bridge Foundation Boring Log Sheet 1 of 2

Y (IL 141) Over Bear Creek						Sheet 1 of 2					
Route: <u>FAP 877 (IL 141</u> St.	ructur	e Numbe	er: 097-	-0027		Date:		5/29/20	10		
Section 101,B	_					red By:					
County: White	Loca	tion:).9 mil	e East	cked By: R Graeff						
	Б	В			Surf Wat Elev: 358.1	- D	В				
Boring No 2-S	E	L			Ground Water Elevation	E	L				
Station 47+55	- P	0			when Drilling344.9	_ P	0				
Offset 8' Lt CL	↓ ː ˈ	W	Qu tsf	14/0/	At Completion	_ T	W	Qu			
Fround Surface 381.9Ft	Н	S	เรา	W%	At: Hrs:	H	S	tsf	W%		
Asphalt and concrete over					Medium, very moist, grey mottled		1	0.8B	2		
crushed aggregate					brown, Clay A7-6		2				
380.4 Stiff to very stiff, moist, brown and _											
grey, Clay to Clay Loam A7-6		1			#		1				
grey, clay to clay Loan Ar-o		1	1.2B	20	1! 	-	2	0.6B	2		
-	-	2					2	0.00	_		
					1						
_					<u> </u>						
<u>-</u>	5.0	1			4	30.0	WH				
		4	3.3B	13		-	1	0.9B	2		
_		6			1		2	www.			
	\dashv					\dashv					
-		2			†		1				
		3	1.5B	18	1	-	2	0.9B	2		
		3					3				
_					1						
_					347.4						
_	10.0				Medium, very moist, grey mottled	35.0	2				
		2	2.1B	18	brown, Silty Clay A-6		2	0.9B	2		
-		3			-		3				
369.9					344.9						
Soft, very moist, grey and brown,		1			Stiff, moist, grey, Clay A7-6		1				
Clay to Silty Clay A7-6	_	2	0.4B	22		-	2	1.1B			
		2	5				2	5	-		
]						
367.4					342.4						
Stiff, moist, grey and brown, Clay	15.0				Medium to soft, very moist, grey,	40.0	WH				
to Silty Clay A7-6		2	1.5B	20	Clay A7-6		WH	0.5B	3		
-		3					11				
364.9		1									
Very soft, very moist, grey, Clay		1			1						
A7-6		2	0.2B	30	1		Í				
- -		2			1		1				
_					7]				
362.4					4						
Stiff, moist, grey, Silty Clay A7-6	20.0			<u>-</u>	4	45.0					
		2	1.3B	24	ll .		WH	0.5B			
-		3			-		WH				
359.9		1					i				
Medium, very moist, grey mottled		1			1		1				
brown, Clay A7-6		2	0.9B	28	1		1				
		3			_		1				
					1]				
					332.4						
	25.0	1				50.0	WH				

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

Sheet 2 of 2

Route: ZAP 877 (IL 141)	Date:	6/29/2010
Section: 101,B		
County: White		

County: White									
Boring No: 2-8 Station: 47+55 Offset: 8' Lt CL Ground Surface: 381.9Ft	D E P T H	B L O W S	Qu tsf	w %		D E P T H	B L O W S	Qu tsf	W%
Loose, very moist, grey, fine Silty Sand to Sand Loam A-2-4 78% Sand 17% Silt 5% Clay		3 5		24	-				
327.4 Stiff, moist, grey, Clay to Clay Loam A7-6	55.0	3 6 6	1.1B	21	- -	80.0			
322.4 Very stiff, moist to damp, brown	60.0	4			- -	85.0			
streaked grey, Clay to Clay Loam A7-6 - -		18 22	2.78	19	- -				
Hard, dry, grey, Clay Shale 316.9	65.0	100/3"			-	90.0			
Bottom of hole = 64.8 feet Free water observed at 37.0 feet Elevation referenced to BM @					-				
SW corner; Elev. = 382.7 feet To convert "N" values to "N60" multiply by 1.25 Borehold Advanced with Hollow	70.0				-	95.0			
Stem Augers (8" OD, 3.25" ID)	75.0				-	100.0			

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



USER NAME = kah		DESIGNED	-	SHL	02/13	REVISED	-	Τ
ESCA PROJECT NO. 988.14		CHECKED	-	RDP	02/13	REVISED	-	
		DRAWN	-	DWH	02/13	REVISED	-	
PLOT DATE = 7/3/2014 8:40:2	в ам	CHECKED	-	SHL	05/13	REVISED	-	

STATI	E OF	ILLINOIS
DEPARTMENT	OF	TRANSPORTATION

BORING LOGS STRUCTURE NO. 097-0027		SEC.	SECTION		COUNTY	TOTAL SHEETS	SHEE NO.
		100	B-1		WHITE	54	41
					CONTRACT	NO. 7	8231
SHEET NO. 22 OF 22 SHEETS			ILLINOIS	FED. AII	D PROJECT AID		