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SOIL BORING LOG

DATE 6/9/2011
 LOGGED BY MD
 GSI JOB No. 10191

ROUTE IL Rte. 25 & IL Rte. 31 DESCRIPTION Red Gate Road Over The Fox River
 SECTION 04-00092-00-BR LOCATION SEC. 15, TWP. 40 N., RNG. 8 E., 3rd P.M., St. Charles Township
 COUNTY Kane DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. XXX
 Station XX+XX

BORING NO. **RW-03**
 Station 312+70 IL Route 25
 Offset 27.0' Left
 Ground Surface Elev. 750.5

DEPTH (ft)	BULGE (in)	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BULGE (in)	UCS (tsf)	MOIST (%)	DESCRIPTION
0				6.0" ASPHALT, 10.0" CONCRETE	0				
2		107		SAND-brown-medium dense (A-3)	5				
3					9				
4	4.3B	19			11	NP	21		
				CLAY LOAM-brown-very stiff to hard (A-6) Possible Fill					
2		108		CLAY LOAM-brown-very stiff (A-6)	10				
2					12				
3	2.3B	20			12	3.25P	15		
				Sand with Gravel-brown-loose (A-1-b) Possible Fill					
3		NP							
3	2.0P	9							
				SILTY CLAY LOAM-brown & gray-loose (A-4)					
3									
4									
4									
5	1.25P	23							
				CLAY LOAM-brown-stiff to very stiff (A-6)					
2		114							
4									
6	1.1B	16							
				Sand seams from -16.0' to -17.5'					
3									
5									
7	3.5P	18							
				SAND-brown-medium dense (A-3)					
4									
8									
9		NP	18						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B)-Bulge, (S)-Shear, (P)-Penetrometer, (ST)-Shelby Tube Sample, (VS)-Vane Shear Test. The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206). The Unit Dry Weight (pcf) is noted in italics above moist (%). NR-No Recovery, PS-Pushed Spoon.

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DATE 6/6/2011
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 GSI JOB No. 10191

ROUTE IL Rte. 25 & IL Rte. 31 DESCRIPTION Red Gate Road Over The Fox River
 SECTION 04-00092-00-BR LOCATION SEC. 15, TWP. 40 N., RNG. 8 E., 3rd P.M., St. Charles Township
 COUNTY Kane DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE CME Automatic

STRUCT. NO. XXX
 Station XX+XX

BORING NO. **RW-04**
 Station 313+60 IL Route 25
 Offset 30.0' Left
 Ground Surface Elev. 754.1

DEPTH (ft)	BULGE (in)	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BULGE (in)	UCS (tsf)	MOIST (%)	DESCRIPTION
0				7.0" ASPHALT, 7.0" CONCRETE	0				
3		106			6				
5					9				
6	5.3B	18		CLAY LOAM-brown & gray-stiff to very stiff (A-6)	13	2.7B	14		
				CLAY LOAM-brown & gray-stiff to hard (A-6)					
2		95			6				
3					9				
4	1.8B	24			11				
				End Of Boring @ -25.0' Hollow Stem Augers To -5.0' Rotary Drilling To Completion CME Automatic Hammer 5.0' Of 4.0" Casing Used					
3				SILT-brown-medium dense (A-4)					
6		NP	23						
3		118							
5									
5									
7	1.8B	16							
				CLAY LOAM-brown & gray-stiff to very stiff (A-6)					
5		120							
8									
10	2.2B	15							
5		121							
8									
11	2.9B	15							
6		121							
8									
11	3.6B	14							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B)-Bulge, (S)-Shear, (P)-Penetrometer, (ST)-Shelby Tube Sample, (VS)-Vane Shear Test. The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206). The Unit Dry Weight (pcf) is noted in italics above moist (%). NR-No Recovery, PS-Pushed Spoon.

FILE NAME =	USER NAME = akeeschall	DESIGNED - MFH	REVISED -
PINELANDS_WALLS_005_BoringLog.dgn		CHECKED - AJK	REVISED -
	PLOT SCALE =	DRAWN - MFH	REVISED -
	PLOT DATE = 11/9/2011	CHECKED - HMA	REVISED -



CITY OF ST. CHARLES

SOIL BORING LOGS
RETAINING WALL AT IL 25 AND PINELANDS ROAD
 SHEET NO. SR13 OF SR13 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	311
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	