



BORING LOG CUL-03

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WEI Job No.: 616-02-01
Client **Millenia Professional Services of Illinois**
Project **Willow Road Culvert Replacement**
Location **Cook County**

Datum: NGVD
Elevation: 641.75 ft
North: 1981428.50 ft
East: 1121682.64 ft
Station: 78+66.98
Offset: 46.09 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
641.8	36-inch thick, black SILTY LOAM --TOPSOIL-- Stiff to hard, brown and gray SILTY CLAY LOAM, trace gravel	0		1	7 6 8	> 4.50 P	12								
		5		2	5 6 7	> 4.50 P	15								
		10		3	4 3 3	3.28 B	22								
		15		4	5 7 7	3.36 B	17								
		20		5	4 3 4	1.80 B	19								
		25		6	5 6 6	1.39 B	20								
		30		7	3 4 10	1.64 B	19								
		35		8	4 8 7	1.89 B	19								
621.8	Boring terminated at 20.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-11-2012	Complete Drilling	12-11-2012	While Drilling	☐	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	B-57 TMR	At Completion of Drilling	▼	DRY	
Driller	R&F	Logger	D. Kolpacki	Time After Drilling	NA		
Drilling Method	2.25-inch SSA; backfilled upon completion			Depth to Water	▼	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							



BORING LOG CUL-04

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WEI Job No.: 616-02-01
Client **Millenia Professional Services of Illinois**
Project **Willow Road Culvert Replacement**
Location **Cook County**

Datum: NGVD
Elevation: 642.63 ft
North: 1981494.61 ft
East: 1121714.45 ft
Station: 78+98.68
Offset: 20.08 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
641.8	10-inch thick CONCRETE --PAVEMENT--	0													
640.4	Medium dense, gray CRUSHED STONE --BASE COURSE--	0		1	11 8 9	NP	5								
	Stiff to hard, brown and gray SILTY CLAY LOAM, trace gravel	5		2	3 5 7	4.67 B	14								
		10		3	5 8 12	6.15 B	17								
		15		4	6 11 14	6.64 B	17								
		20		5	6 8 11	3.12 B	17								
		25		6	4 6 8	2.38 B									
		30		7	4 5 6	1.64 B	19								
		35		8	5 5 8	1.89 B									
622.6	Boring terminated at 20.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-13-2012	Complete Drilling	12-13-2012	While Drilling	☐	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	B-57 TMR	At Completion of Drilling	▼	DRY	
Driller	R&F	Logger	D. Kolpacki	Time After Drilling	NA		
Drilling Method	2.25-inch SSA; backfilled upon completion			Depth to Water	▼	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							