



BORING LOG CUL-01

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wangeng@wangeng.com
1145 N Main Street
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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: 644.36 ft
North: 1981409.29 ft
East: 1121411.58 ft
Station: 75+95.95
Offset: 65.74 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Cu (tsf)	Moisture Content (%)
644.3	31-inch thick ASPHALT --PAVEMENT--												
643.9	Dark brown GRAVELLY LOAM Very stiff, brown CLAY LOAM, trace gravel		1	3 5 5	3.64	17							
641.4	--FILL-- Stiff, brown SILTY CLAY, trace organics		2	2 2 2	1.23	24							
		5											
			3	0 3 6	1.80	38							
636.4	Stiff to hard, gray SILTY CLAY LOAM, trace gravel		4	4 6 8	5.17	19							
		10											
			5	4 6 6	1.80	20							
			6	3 4 6	1.72	19							
		15											
			7	4 5 7	2.05	18							
			8	4 5 7	2.30	18							
624.4	Boring terminated at 20.00 ft	20											

GENERAL NOTES

Begin Drilling: **12-11-2012** Complete Drilling: **12-11-2012**
 Drilling Contractor: **Wang Testing Services** Drill Rig: **B-57 TMR**
 Driller: **R&F** Logger: **D. Kolpacki** Checked by: _____
 Drilling Method: **2.25-inch SSA; backfilled upon completion**

WATER LEVEL DATA

While Drilling: **DRY**
 At Completion of Drilling: **DRY**
 Time After Drilling: **NA**
 Depth to Water: **NA**

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

WANGENG INC 6160201.GPJ WANGENG.GDT 12/19/12



BORING LOG CUL-02

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1145 N Main Street
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Telephone: 630 953-9928
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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: 642.53 ft
North: 1981517.41 ft
East: 1121505.84 ft
Station: 76+90.04
Offset: 42.54 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Cu (tsf)	Moisture Content (%)
641.7	10-inch, thick CONCRETE --PAVEMENT--												
640.0	20-inch thick, loose, white and brown CRUSHED STONE --BASE COURSE--		1	3 4 3	NP	8							
	Soft, dark brown and gray SILTY LOAM to SILTY CLAY LOAM, trace gravel and organics		2	2 1 1	NA								
		5											
			3	1 2 3	0.33	11							
634.5	Stiff to very stiff, brown and gray SILTY CLAY LOAM, trace gravel		4	5 8 10	3.64	16							
		10											
			5	3 5 5	2.13	19							
			6	3 5 8	2.21	15							
		15											
			7	4 5 7	2.21	18							
			8	4 3 5	1.56	19							
622.5	Boring terminated at 20.00 ft	20											

GENERAL NOTES

Begin Drilling: **12-11-2012** Complete Drilling: **12-11-2012**
 Drilling Contractor: **Wang Testing Services** Drill Rig: **B-57 TMR**
 Driller: **R&F** Logger: **D. Kolpacki** Checked by: _____
 Drilling Method: **2.25-inch SSA; backfilled upon completion**

WATER LEVEL DATA

While Drilling: **DRY**
 At Completion of Drilling: **DRY**
 Time After Drilling: **NA**
 Depth to Water: **NA**

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

WANGENG INC 6160201.GPJ WANGENG.GDT 12/19/12



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DESIGNED - WM	REVISED -
CHECKED - MI	REVISED -
DRAWN - WM	REVISED -
DATE - 12/24/2012	CHECKED - MAI, MI

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
6'x4' BOX CULVERT (S.N. 016-1392) - STA. 76 + 44.64

SHEET NO. S1-10 OF S1-10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	1920.01-B-R	COOK	60	36
CONTRACT NO. 60W04				ILLINOIS FED. AID PROJECT