

Wang Engineering
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BORING LOG 3E-B-6
 WEI Job No.: 201-40-01
 Client: **McDonough Associates Inc.**
 Project: **US 45, Segment 3**
 Location: **Ret. Wall 016-Z007, Cook Co., T36N, R12E**

Datum: NGVD
 Elevation: 702.20 ft
 North: 1814289.17 ft
 East: 1115355.84 ft
 Station: 334+85.28
 Offset: 64.63 RT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
706.2	2-inch thick, dark brown SILTY CLAY --TOPSOIL--	0	1	4	NP	19							
699.2	Medium dense, brown SILTY LOAM	1	2	5	4.50	15							
	Hard, brown and gray SILTY CLAY LOAM, trace gravel	5	3	6	6.56	18							
		10	4	3	6.40	19							
		15	5	3	4.50	18							
689.2	Stiff to hard, brown to gray SILTY LOAM, trace to some gravel	15	6	4	4.26	15							
	--L _c (%)=24, P _c (%)=13-- --%Gravel=6.9-- --%Sand=22.4-- --%Silt=55.0-- --A-6 (5)--	20	7	3	1.23	14							
681.7	Loose, gray SILT	20	8	5	2.50	16							
679.2	Very stiff, gray SILTY CLAY, trace gravel	25	9	3	NP	19							
677.2	Boring terminated at 25.00 ft	25	10	4	2.87	16							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	10-06-2010	Complete Drilling	10-06-2010	While Drilling	DRY		
Drilling Contractor	WTS	Drill Rig	B-57 TMR	At Completion of Drilling	DRY		
Driller	K&K	Logger	B. Wilson	Time After Drilling	NA		
Checked by	C. Marin	Drilling Method	3.25" IDA HSA; Boring backfilled upon completion	Depth to Water	NA		
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG 3E-B-7
 WEI Job No.: 201-40-01
 Client: **McDonough Associates Inc.**
 Project: **US 45, Segment 3**
 Location: **Ret. Wall 016-Z007, Cook Co., T36N, R12E**

Datum: NGVD
 Elevation: 710.37 ft
 North: 1814398.52 ft
 East: 1115352.09 ft
 Station: 335+94.70
 Offset: 64.04 RT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
710.37	2-inch thick, black SILTY CLAY --TOPSOIL--	0	1	5	NP	13							
	Medium dense, brown and gray SILTY LOAM, little gravel	5	2	5	NP	15							
704.9	Hard, brown and gray SILTY CLAY, trace gravel	5	3	8	6.56	18							
		10	4	8	4.10	18							
699.2	Medium dense, brown SILT, moist	10	5	3	NP	22							
		15	6	6	NP	14							
694.9	Stiff to very stiff, gray SILTY CLAY LOAM, trace gravel	15	7	2	1.56	14							
		20	8	4	2.21	13							
690.4	Boring terminated at 20.00 ft	20											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	10-06-2010	Complete Drilling	10-06-2010	While Drilling	DRY		
Drilling Contractor	WTS	Drill Rig	B-57 TMR	At Completion of Drilling	DRY		
Driller	K&K	Logger	B. Wilson	Time After Drilling	NA		
Checked by	C. Marin	Drilling Method	3.25" IDA HSA; Boring backfilled upon completion	Depth to Water	NA		
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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URS

FILE NAME = 0162007-60M62-012-bor.dgn	USER NAME = Anthony.Plutz	DESIGNED - PMH	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORINGS 3 STRUCTURE NO. 016-Z007	F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 473
PLOT SCALE = 0:2.0000 '1' / in.	DRAWN - PMH	REVISD -	CONTRACT NO. 60M62							
PLOT DATE = 3/13/2013	CHECKED - AMK	REVISD -	SHEET NO. 12 OF 12 SHEETS							
						ILLINOIS FED. AID PROJECT				