

Wang Engineering
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 1145 N Main Street
 Lombard, IL 60148
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BORING LOG 3A-B-1
 WEI Job No.: 201-40-01

Datum: NGVD
 Elevation: 682.11 ft
 North: 1809765.73 ft
 East: 1115359.56 ft
 Station: 289+65.48
 Offset: 56.19 RT

Client: **McDonough Associates Inc.**
 Project: **US 45, Segment 3**
 Location: **Ret. Wall 016-Z002, Cook Co., T36N, R12E**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/in)	Qu (ksf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/in)	Qu (ksf)	Moisture Content (%)
684.1	3-inch thick, dark brown SILTY CLAY --TOPSOIL--		1		1	1.23	15								
	Stiff, brown CLAY LOAM --FILL--														
679.1	Medium stiff, black to dark brown SILTY CLAY, trace organic matter --BURIED TOPSOIL--		2		2	1.25	33								
675.6	Stiff, dark brown to dark gray, organic SILTY CLAY, trace shells and plant material		3		3	0.66	32								
			4		4	0.41	52								
			5		5	0.25	51								
			6		6	0.25	46								
			7		7	0.25	60								
664.1	Stiff, gray SILTY CLAY, trace gravel		8		8	1.72	17								
662.1	Boring terminated at 20.00 ft														

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	10-04-2010	Complete Drilling	10-04-2010
Drilling Contractor	WTS	Drill Rig	B-57 TMR
Driller	K&K	Logger	B. Wilson
		Checked by	C. Marin
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion		
While Drilling	DRY		
At Completion of Drilling	DRY		
Time After Drilling	NA		
Depth to Water	NA		

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BORING LOG 3A-B-2
 WEI Job No.: 201-40-01

Datum: NGVD
 Elevation: 681.22 ft
 North: 1809889.37 ft
 East: 1115353.47 ft
 Station: 290+87.76
 Offset: 47.00 RT

Client: **McDonough Associates Inc.**
 Project: **US 45, Segment 3**
 Location: **Ret. Wall 016-Z002, Cook Co., T36N, R12E**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/in)	Qu (ksf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/in)	Qu (ksf)	Moisture Content (%)
680.4	3-inch thick, black SILTY CLAY --TOPSOIL--		1		1	2.00	31								
	Very stiff, brown CLAY LOAM --FILL--														
678.2	Soft, dark brown CLAY, trace organic matter		2		2	0.48	30								
674.9	Medium stiff to very stiff, brown to gray SILTY CLAY to SILTY CLAY LOAM, trace gravel		3		3	0.74	26								
	--L _c (%)=26, P _c (%)=16-- --%Gravel=9.0-- --%Sand=16.5-- --%Silt=51.9-- --%Clay=22.6-- --A-6 (7)--		4		4	1.56	17								
			5		5	1.64	20								
			6		6	2.62	19								
			7		7	2.54	18								
663.9	Loose, gray SANDY LOAM		8		8	NP	17								
660.7	Loose, gray SILT		9		9	NP	14								
658.2	Stiff, gray SILTY CLAY LOAM, little GRAVEL		10		10	1.64	14								
656.2	Boring terminated at 25.00 ft														

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	10-04-2010	Complete Drilling	10-04-2010
Drilling Contractor	WTS	Drill Rig	B-57 TMR
Driller	K&K	Logger	B. Wilson
		Checked by	C. Marin
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion		
While Drilling	DRY		
At Completion of Drilling	DRY		
Time After Drilling	NA		
Depth to Water	NA		

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URS

FILE NAME = 0162002-60M62-008-bor.dgn	USER NAME = Anthony.Plutz	DESIGNED - WEI	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORINGS STRUCTURE NO. 016-Z002	F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 401
PLOT SCALE = 0:2.0000 '1' / in.	DRAWN - WEI	REVISOR -	CONTRACT NO. 60M62							
PLOT DATE = 3/13/2013	CHECKED - PMH	REVISOR -	SHEET NO. 8 OF 9 SHEETS							
	CHECKED - PMH	REVISOR -	ILLINOIS FED. AID PROJECT							