

Wang Engineering
 wangeng@wangeng.com
 1145 N Main Street
 Lombard, IL 60148
 Telephone: 630 953-9928
 Fax: 630 953-9938

BORING LOG PBB-03
 WEI Job No.: 201-40-01
 Client: **McDonough Associates Inc.**
 Project: **US 45**
 Location: **ORLAND PARK, T 36N, R 12E**

Datum: NGVD
 Elevation: 703.54 ft
 North: 1793081.05 ft
 East: 1115882.37 ft
 Station: 122+66.17
 Offset: 48.83 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
703.4	4-1/2 inch thick, dark brown SILTY LOAM --TOPSOIL--	0	1	4-8-0-0-0	NP	13							
701.3	Medium dense, brown SILTY LOAM --FILL--	1	2	10-10-0-0-0	0.50	21							
699.4	Medium stiff, brown and gray SILTY CLAY LOAM, little gravel	2	3	10-10-0-0-0	NP	25							
695.4	Very loose to loose, brown and gray LOAM, little gravel --MOIST to WET--	3	4	10-10-0-0-0	NP	26							
695.4	Loose to medium dense, gray, fine to coarse SAND, little gravel	4	5	10-10-0-0-0	NP	17							
691.5	Boring terminated at 12.00 ft	10	6	10-10-0-0-0	NP	16							

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	11-24-2010	Complete Drilling	11-24-2010
Drilling Contractor	WTS	Drill Rig	B-57 TMR
Driller	R&J	Logger	B. Wilson
Checked by	C. Marin	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion	Depth to Water	NA

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BORING LOG PBB-05
 WEI Job No.: 201-40-01
 Client: **McDonough Associates Inc.**
 Project: **US 45**
 Location: **ORLAND PARK, T 36N, R 12E**

Datum: NGVD
 Elevation: 703.31 ft
 North: 1793171.45 ft
 East: 1115878.20 ft
 Station: 123+56.04
 Offset: 51.05 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
701.6	Stiff, brown SILTY CLAY --FILL--	0	1	10-0-0-0-0	1.25	25							
699.2	Soft, black ORGANIC SILTY CLAY LOAM, trace plant material --L (%)=46, P ₁ (%)=19-- --%Gravel=0.7-- --%Sand=18.8-- --%Silt=55.5-- --%Clay=25.0-- --A-7-6 (22)--	1	2	10-0-0-0-0	0.25	30							
697.2	Loose, brown and gray SILTY LOAM, little gravel --MOIST--	2	3	10-0-0-0-0	NP	23							
695.2	Very loose, brown and gray SANDY LOAM, little gravel --WET--	3	4	10-0-0-0-0	NP	20							
693.3	Very stiff, gray SILTY CLAY, trace gravel	4	5	10-0-0-0-0	3.50	20							
	Boring terminated at 10.00 ft	10											

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	11-24-2010	Complete Drilling	11-24-2010
Drilling Contractor	WTS	Drill Rig	B-57 TMR
Driller	R&J	Logger	B. Wilson
Checked by	C. Marin	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion	Depth to Water	NA

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BORING LOG PBB-06
 WEI Job No.: 201-40-01
 Client: **McDonough Associates Inc.**
 Project: **US 45**
 Location: **ORLAND PARK, T 36N, R 12E**

Datum: NGVD
 Elevation: 701.82 ft
 North: 1793214.47 ft
 East: 1115879.42 ft
 Station: 123+98.53
 Offset: 55.67 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
699.7	Medium dense, brown SILTY LOAM --FILL--	0	1	3-4-7-7	NP	18							
699.7	Very stiff to hard, dark brown and black SILTY CLAY, trace plant material	1	2	4-4-6-6	4.00	20							
695.6	Soft to medium stiff, brown and gray SILTY CLAY Organic Content=4.0%	2	3	5-5-8-8	3.00	28							
691.7	Very stiff, gray SILTY CLAY, trace gravel	3	4	2-2-3-3	0.25	30							
689.8	Boring terminated at 12.00 ft	4	5	1-2-2-2	0.50	21							
		5	6	3-4-4-4	2.50	16							

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	11-24-2010	Complete Drilling	11-24-2010
Drilling Contractor	WTS	Drill Rig	B-57 TMR
Driller	R&J	Logger	B. Wilson
Checked by	C. Marin	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion	Depth to Water	NA

100 S. WACKER DR.
 SUITE 600
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4998
URS

Note:
 For retaining wall key plan see sheet 1.
 For typical wall details see sheet 2.
 See individual wall sheets for boring locations.

FILE NAME = D:\60F05-SHT-Boring\5.dgn	USER NAME = Anthony.Plutz	DESIGNED - WEI	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RETAINING WALL SOIL BORING LOGS	F.A.P. RTE. 330	SECTION 103R-3	COUNTY COOK	TOTAL SHEETS 932	SHEET NO. 592
PLOT SCALE = 0:2.00 '1" = 10'	DRAWN - JDK	REVISED -	CONTRACT NO. 60F05							
PLOT DATE = 3/12/2013	CHECKED - JCE	REVISED -	ILLINOIS FED. AID PROJECT							
SHEET NO. 37 OF 41 SHEETS										