

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

BORING LOG 1RW6-B-4 Page 1 of 1

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 1
 Location: Ret. Wall 6, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 716.40 ft
 North: 1791543.63 ft
 East: 1115967.15 ft
 Station: 108+28.21
 Offset: 77.84 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 (%)
716.40	2 to 5-inch thick, brown SILTY CLAY LOAM --TOPSOIL-- Stiff to hard, brown to gray SILTY CLAY, trace gravel	0	1	7 8 9	4.50	17	686.4		0	11	4 5 7	2.51	21
		5	2	4 4 6	5.17	18			5	12	4 4 7	2.46	22
		10	3	9 11 15	9.51	17			10				
		15	4	6 10 13	8.28	17			15				
		20	5	5 5 11	5.66	18			20				
		25	6	7 8 8	3.85	20			25				
		30	7	8 8 3	2.54	21			30				
		35	8	4 5 7	1.97	21			35				
		40	9	7 8 4	2.13	23			40				
		45	10	5 5 7	2.13	22			45				
		50							50				

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	09-16-2011	Complete Drilling	09-16-2011
Drilling Contractor	WTS	Drill Rig	D-50 TMR
Driller	K&K	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

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

BORING LOG 1RW6-B-5 Page 1 of 1

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 1
 Location: Ret. Wall 6, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 718.00 ft
 North: 1791626.36 ft
 East: 1115965.75 ft
 Station: 108+10.93
 Offset: 79.24 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 (%)
718.00	2 to 4-inch thick, brown SILTY CLAY LOAM --TOPSOIL-- Very stiff to hard, brown to gray SILTY CLAY, trace gravel	0	1	7 7 8	4.50	17	688.0		0	11	4 5 7	2.62	20
		5	2	7 8 8	6.81	2			5	12	4 5 7	2.71	20
		10	3	7 11 16	7.63	19			10				
		15	4	4 6 10	7.71	19			15				
		20	5	8 8 8	5.82	21			20				
		25	6	8 8 8	7.63	23			25				
		30	7	8 8 3	4.43	21			30				
		35	8	7 8 7	2.79	21			35				
		40	9	8 8 8	3.36	21			40				
		45	10	8 8 3	2.87	19			45				
		50							50				

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	09-16-2011	Complete Drilling	09-16-2011
Drilling Contractor	WTS	Drill Rig	D-50 TMR
Driller	K&K	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

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

BORING LOG 1RW6-B-6 Page 1 of 1

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 1
 Location: Ret. Wall 6, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 720.10 ft
 North: 1791709.30 ft
 East: 1115964.86 ft
 Station: 108+93.89
 Offset: 81.16 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 (%)
720.10	2 to 9.3-inch thick, brown SILTY CLAY LOAM --TOPSOIL-- Hard, brown and gray SILTY CLAY, trace gravel	0	1	6 9 9	4.50	16	694.6		0	11	4 5 7	2.21	16
		5	2	6 6 12	8.61	17			5	12	4 6 9	2.79	22
		10	3	4 5 5	NP	19			10				
		15	4	4 5 5	NP	18			15				
		20	5	3 3 5	NP	19			20				
		25	6	8 8 6	NP	16			25				
		30	7	5 6 8	NP	14			30				
		35	8	6 6 6	NP	14			35				
		40	9	4 4 6	NP	12			40				
		45	10	5 8 9	NP	11			45				
		50							50				

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	09-16-2011	Complete Drilling	09-16-2011
Drilling Contractor	WTS	Drill Rig	D-50 TMR
Driller	K&K	Logger	B. Wilson
Checked by	C. Marin	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion	Depth to Water	8.50 ft

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\3.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. = 590
	PLOT SCALE = 0:2.00 '1" / in.	DRAWN - JDK	REVISED -			CONTRACT NO. 60F05				
	PLOT DATE = 3/12/2013	CHECKED - JCE	REVISED -			ILLINOIS FED. AID PROJECT				
SHEET NO. 35 OF 41 SHEETS										