

Wang Engineering
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 1145 N Main Street
 Lombard, IL 60148
 Telephone: 630-953-9928
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BORING LOG RWB-64

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 2
 Location: Ret. Wall RW-17, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 726.50 ft
 North: 1806626.68 ft
 East: 1115430.09 ft
 Station: 258+22.25
 Offset: 74.52 RT

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 (%)
728.24	24-inch thick black SILTY CLAY --TOPSOIL-- Very stiff, brown and gray SILTY CLAY, trace to little gravel --FILL--	1	1	2.50	17								
723.0	Very stiff to hard, brown SILTY CLAY	2	2	2.25	21								
		3	3	4.50	19								
		4	4	4.50	21								
		5	5	3.75	26								
716.5	Boring terminated at 10.00 ft												

GENERAL NOTES

Begin Drilling: 04-28-2011 Complete Drilling: 04-28-2011
 Drilling Contractor: WTS Drill Rig: Geoprobe
 Driller: W&B Logger: N. Boddy Checked by: CLM
 Drilling Method: Jackhammer

WATER LEVEL DATA

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

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BORING LOG RWB-65

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 2
 Location: Ret. Wall RW-17, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 726.73 ft
 North: 1806753.36 ft
 East: 1115420.18 ft
 Station: 259+49.30
 Offset: 67.93 RT

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 (%)
726.26	6-inch thick ASPHALT --PAVEMENT-- 4-inch thick CRUSHED STONE --BASE COURSE-- Hard, brown and gray SILTY CLAY, trace gravel	1	1	4.43	21								
		2	2	4.87	21								
		3	3	5.25	18								
		4	4	6.40	13								
		5	5	5.66	14								
		6	6	4.02	15								
711.7	Boring terminated at 15.00 ft												

GENERAL NOTES

Begin Drilling: 04-15-2011 Complete Drilling: 04-15-2011
 Drilling Contractor: WTS Drill Rig: B-57 TMR
 Driller: K&R Logger: B. Wilson Checked by: CLM
 Drilling Method: 3.25" IDA HSA; Boring backfilled upon completion.

WATER LEVEL DATA

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

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BORING LOG RWB-66

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 2
 Location: Ret. Wall RW-19, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 711.34 ft
 North: 1807221.61 ft
 East: 1115292.85 ft
 Station: 264+20.16
 Offset: 49.66 LT

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 (%)
710.95	5-inch thick ASPHALT --PAVEMENT-- 6-inch thick CRUSHED STONE --BASE COURSE-- Medium stiff to hard, brown and gray SILTY CLAY, trace gravel	1	1	0.50	22								
		2	2	2.62	20								
		3	3	5.17	19								
		4	4	6.72	19								
		5	5	6.81	19								
		6	6	6.23	18								
696.3	Boring terminated at 15.00 ft												

GENERAL NOTES

Begin Drilling: 04-15-2011 Complete Drilling: 04-15-2011
 Drilling Contractor: WTS Drill Rig: B-57 TMR
 Driller: K&R Logger: B. Wilson Checked by: CLM
 Drilling Method: 3.25" IDA HSA; Boring backfilled upon completion.

WATER LEVEL DATA

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

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



FILE NAME = D:\60M61-SHT-Boring\1.dgn
 USER NAME = Anthony.Plutz
 PLOT SCALE = 0:2.00 '1" / in.
 PLOT DATE = 3/13/2013

DESIGNED - WEI
 CHECKED - JCE
 DRAWN - JDK
 CHECKED - PMH

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RETAINING WALL
 SOIL BORING LOGS

SHEET NO. 36 OF 42 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	512
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

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