

BORING LOG RWB-41

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 2
 Location: Ret. Wall RW-7, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 710.33 ft
 North: 1803200.72 ft
 East: 1115415.16 ft
 Station: 223+98.28
 Offset: 55.74 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 (%)
710.04	2.04-inch thick, ASPHALT --PAVEMENT--												
709.6	5-inch thick, CRUSHED STONE --BASE COURSE--												
	Stiff to hard, brown and gray SILTY CLAY LOAM, trace to little gravel												
	--FILL--												
		1	4	4	4.25	17							
		2	2	2	1.25	21							
		3	3	3	1.00	26							
703.1	Black organic SILTY CLAY --BURIED TOPSOIL--												
702.3	Soft to stiff, brown and gray SILTY CLAY												
		4	3	4	1.97	25							
		5	2	2	0.98	31							
		6	1	1	0.25	28							
694.8	Medium dense, brown and gray SANDY LOAM --MOIST--												
692.8		7	9	10	NP	22							
	Boring terminated at 17.50 ft												

GENERAL NOTES

Begin Drilling: 04-21-2011 Complete Drilling: 04-21-2011
 Drilling Contractor: WTS Drill Rig: B-57 TMR
 Driller: R&K 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

BORING LOG RWB-42

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 2
 Location: Ret. Wall RW-7, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 710.45 ft
 North: 1803296.10 ft
 East: 1115409.09 ft
 Station: 224+93.81
 Offset: 58.55 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 (%)
710.05	2.05-inch thick, ASPHALT --PAVEMENT--												
709.6	5-inch thick, CRUSHED STONE --BASE COURSE--												
	Stiff to very stiff, brown and gray SILTY CLAY LOAM, little to some gravel												
	--FILL--												
		1	2	2	2.50	18							
		2	2	2	1.75	22							
		3	3	3	1.50	21							
703.3	Stiff, black organic SILTY CLAY --BURIED TOPSOIL--												
		4	3	3	1.25	28							
701.0	Stiff, brown and gray SILTY CLAY												
		5	2	2	1.39	32							
697.5	Hard, brown SILTY CLAY LOAM, trace gravel												
695.5	Boring terminated at 15.00 ft												

GENERAL NOTES

Begin Drilling: 04-20-2011 Complete Drilling: 04-20-2011
 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

BORING LOG RWB-43

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 2
 Location: Ret. Wall RW-7, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 710.45 ft
 North: 1803398.71 ft
 East: 1115408.15 ft
 Station: 225+96.39
 Offset: 56.00 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 (%)
710.23	2.23-inch thick ASPHALT --PAVEMENT--												
709.6	10-inch thick CRUSHED STONE --WET--												
	Soft to very stiff, brown and gray SILTY CLAY LOAM, trace gravel												
	--FILL--												
		1	3	3	3.36	17							
		2	2	2	0.49	25							
		3	3	3	1.64	27							
705.0	Stiff to very stiff, brown and gray SILTY CLAY												
		4	2	2	2.13	28							
700.0	Soft, brown and gray SILTY LOAM, trace gravel												
		5	1	1	0.25	25							
697.5	Very stiff, brown and gray SILTY CLAY LOAM, trace gravel												
695.5	Boring terminated at 15.00 ft												

GENERAL NOTES

Begin Drilling: 04-22-2011 Complete Drilling: 04-22-2011
 Drilling Contractor: WTS Drill Rig: B-57 TMR
 Driller: R&K 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

FILE NAME = D:\60M61-SHT-Boring05.dgn	USER NAME = Anthony.Plutz	DESIGNED - WEI	REVISED -
		CHECKED - JCE	REVISED -
	PLOT SCALE = 0:2.00' = 1" / 16'	DRAWN - JDK	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - PMH	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	506
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.