

**BORING LOG 3RW2-B-1**

WEI Job No.: 201-40-01  
 Client: McDonough Associates Inc.  
 Project: US 45, Segment 3  
 Location: RW2, Cook Co., IL

Datum: NGVD  
 Elevation: 599.40 ft  
 North: 1812526.00 ft  
 East: 1115223.39 ft  
 Station: 317+23.42  
 Offset: 72.66 LT

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 (%)
699.23	42-inch thick, brown SILTY CLAY --TOPSOIL-- Stiff to hard, brown and gray SILTY CLAY to SILTY CLAY LOAM, trace gravel	0	1	6 10 11	3.77 3	20			0				
		5	2	6 10 11	4.50 P	17			5				
		10	3	6 10 11	3.94 3	22			10				
		15	4	4 7 8	3.44 3	19			15				
		20	5	6 10 11	2.74 3	18			20				
		25	6	6 10 11	1.64 3	17			25				
	Boring terminated at 15.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-23-2011	Complete Drilling	09-23-2011	While Drilling	DRY		
Drilling Contractor	WTS	Drill Rig	D-50 TMR	At Completion of Drilling	DRY		
Driller	K&K	Logger	B. Wilson	Time After Drilling	NA		
Checked by	C. Marin	Depth to Water	NA	The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			
Drilling Method: 3.25" IDA HSA; Boring backfilled upon completion.							

**BORING LOG 3RW2-B-2**

WEI Job No.: 201-40-01  
 Client: McDonough Associates Inc.  
 Project: US 45, Segment 3  
 Location: RW2, Cook Co., IL

Datum: NGVD  
 Elevation: 707.80 ft  
 North: 1812628.82 ft  
 East: 1115218.44 ft  
 Station: 318+26.20  
 Offset: 78.18 LT

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 (%)
697.3	42-inch thick, brown SILTY CLAY --TOPSOIL-- Hard, brown and gray SILTY CLAY LOAM, trace gravel	0	1	6 10 11	4.50 P	17			0				
		5	2	6 10 11	4.50 P	13			5				
		10	3	6 10 11	5.25 B	22			10				
		15	4	4 7 8	5.82 B	19			15				
		20	5	6 10 11	NP	26			20				
		25	6	6 10 11	2.13 B	18			25				
	Boring terminated at 15.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-23-2011	Complete Drilling	09-23-2011	While Drilling	DRY		
Drilling Contractor	WTS	Drill Rig	D-50 TMR	At Completion of Drilling	DRY		
Driller	K&K	Logger	B. Wilson	Time After Drilling	NA		
Checked by	C. Marin	Depth to Water	NA	The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			
Drilling Method: 3.25" IDA HSA; Boring backfilled upon completion.							

**BORING LOG 3RW2-B-3**

WEI Job No.: 201-40-01  
 Client: McDonough Associates Inc.  
 Project: US 45, Segment 3  
 Location: RW2, Cook Co., IL

Datum: NGVD  
 Elevation: 710.00 ft  
 North: 1812723.90 ft  
 East: 1115214.52 ft  
 Station: 319+21.26  
 Offset: 82.65 LT

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 (%)
695.0	42-inch thick, brown SILTY CLAY --TOPSOIL-- Very stiff to hard, brown and gray SILTY CLAY to SILTY CLAY LOAM, trace gravel	0	1	6 7 9	4.50 P	22			0				
		5	2	6 7 8	4.50 P	15			5				
		10	3	7 9 11	4.10 S	19			10				
		15	4	4 7 7	5.17 B	19			15				
		20	5	6 7 8	4.18 B	21			20				
		25	6	6 9 6	2.56 B	16			25				
	Boring terminated at 15.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-23-2011	Complete Drilling	09-23-2011	While Drilling	DRY		
Drilling Contractor	WTS	Drill Rig	D-50 TMR	At Completion of Drilling	DRY		
Driller	K&K	Logger	B. Wilson	Time After Drilling	NA		
Checked by	C. Marin	Depth to Water	NA	The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			
Drilling Method: 3.25" IDA HSA; Boring backfilled upon completion.							

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**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:\60M62-SHT-Boring01.dgn	USER NAME = Anthony.Plutz	DESIGNED - WEI	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RETAINING WALL SOIL BORING LOGS</b>	F.A.P R.T.E. = 330	SECTION = 103R-5	COUNTY = COOK	TOTAL SHEETS = 778	SHEET NO. = 386
PLOT SCALE = 0:2.00 '1" = 10'	DRAWN - JDK	REVISED -	CONTRACT NO. 60M62							
PLOT DATE = 3/13/2013	CHECKED -	REVISED -	ILLINOIS FED. AID PROJECT							
			SHEET NO. 11 OF 18 SHEETS							