

Wang Engineering
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 1145 N Main Street
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BORING LOG RWB-08
 WEI Job No.: 201-40-01
 Client: **McDonough Associates Inc.**
 Project: **US 45**
 Location: **ORLAND PARK, T 36N, R 12E**

Datum: NGVD
 Elevation: 718.39 ft
 North: 1794086.85 ft
 East: 1115710.25 ft
 Station: 132+79.03
 Offset: 73.25 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 (%)
728.14	4-inch thick, black SILTY CLAY LOAM												
	--TOPSOIL--												
	Very stiff to hard, brown CLAY LOAM		1	4-5	4.50	9							
	--FILL--												
			2	3-5	3.75	23							
712.9	Very stiff to hard, brown and gray SILTY CLAY		3	3-4	2.21	28							
			4	3-5	4.51	21							
			5	3-5	2.62	27							
704.4	3-inch thick, fine, brown SAND		6	3-5	3.53	21							
	--WET--												
	Very stiff, brown to gray SILTY CLAY, trace gravel		7	3-5	2.30	18							
			8	3-5	2.62	17							
698.4	Boring terminated at 20.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-01-2010	Complete Drilling	12-01-2010	While Drilling	▽	DRY	
Drilling Contractor	WTS	Drill Rig	D-50 ATV	At Completion of Drilling	▽	DRY	
Driller	K&K	Logger	F. Bozga	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 RWB-09
 WEI Job No.: 201-40-01
 Client: **McDonough Associates Inc.**
 Project: **US 45**
 Location: **ORLAND PARK, T 36N, R 12E**

Datum: NGVD
 Elevation: 719.86 ft
 North: 1794170.15 ft
 East: 1115708.15 ft
 Station: 133+62.35
 Offset: 72.51 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 (%)
719.54	4-inch thick, black SILTY CLAY LOAM												
	--TOPSOIL--												
	Very stiff, brown CLAY LOAM, trace gravel		1	3-6	3.50	23							
715.9	Very stiff to hard, brown to gray CLAY to SILTY CLAY, trace gravel		2	4-6	3.44	23							
			3	5-12	7.63	19							
			4	4-6	4.51	21							
			5	4-10	5.82	18							
			6	4-9	6.97	18							
			7	8-10	6.23	17							
			8	3-5	4.10	18							
699.9	Boring terminated at 20.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-01-2010	Complete Drilling	12-01-2010	While Drilling	▽	DRY	
Drilling Contractor	WTS	Drill Rig	D-50 ATV	At Completion of Drilling	▽	DRY	
Driller	K&K	Logger	F. Bozga	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 RWB-10
 WEI Job No.: 201-40-01
 Client: **McDonough Associates Inc.**
 Project: **US 45**
 Location: **ORLAND PARK, T 36N, R 12E**

Datum: NGVD
 Elevation: 720.61 ft
 North: 1794273.10 ft
 East: 1115701.65 ft
 Station: 134+65.46
 Offset: 75.49 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 (%)
720.34	4-inch thick, black SILTY CLAY LOAM												
	--TOPSOIL--												
	Hard, brown and gray CLAY LOAM		1	12-13	4.50	18							
	--FILL--												
			2	6-12	4.50	17							
715.4	Very stiff to hard, brown and gray SILTY CLAY, trace gravel		3	8-10	4.50	18							
			4	4-9	5.08	18							
			5	8-10	4.92	18							
			6	3-5	4.10	18							
			7	5-7	3.94	20							
			8	3-4	2.54	20							
700.6	Boring terminated at 20.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-02-2010	Complete Drilling	12-02-2010	While Drilling	▽	DRY	
Drilling Contractor	WTS	Drill Rig	D-50 ATV	At Completion of Drilling	▽	DRY	
Driller	K&K	Logger	F. Bozga	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.
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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 =	USER NAME = Anthony.Plutz	DESIGNED - WEI	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RETAINING WALL SOIL BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
D160F05-SHT-Boring17.dgn		CHECKED - JCE	REVISED -			330	103R-3	COOK	932	594	
	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					