

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**W** Wang Engineering, Inc.  
Consulting Geotechnical and  
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1145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
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**BORING LOG RWN-42**

WEI Job No.: 201-34-01  
Client: McDonough Associates, Inc.  
Project: I-55 at Arsenal Road  
Location: T34, R9E, Sec. 21, 22, 28, 27, Will Co., Illinois

Datum: NAVD  
Elevation: 533.04 ft  
North: 1725361.81 ft  
East: 1022830.90 ft  
Station: 913+44.13  
Offset: 50.13 RT

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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 (%)
532.9	2-inch thick, black CLAY LOAM --TOPSOIL--	0											
	Very loose, brown SANDY LOAM, trace rock fragments	1			NP	41							
	--WEATHERED BEDROCK-- --AUGER REFUSAL @ 1' 6"--	2											
531.5		50.0'											
	Boring terminated at 1.50 ft												

<b>GENERAL NOTES</b>		<b>WATER LEVEL DATA</b>	
Begin Drilling 12-10-2008	Complete Drilling 12-10-2008	While Drilling	0.00 ft
Drilling Contractor Wang Testing Service	Drill Rig Mobile B-57 TMR	At Completion of Drilling	0.00 ft
Driller K & J	Logger F. Bozga	Time After Drilling	NA
Checked by S. Sugiarto		Depth to Water	NA
Drilling Method 3.25" IDA HSA; Boring backfilled with bentonite upon completion		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual	

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**BORING LOG RWN-43**

WEI Job No.: 201-34-01  
Client: McDonough Associates, Inc.  
Project: I-55 at Arsenal Road  
Location: T34, R9E, Sec. 21, 22, 28, 27, Will Co., Illinois

Datum: NAVD  
Elevation: 532.47 ft  
North: 1725444.08 ft  
East: 1022832.90 ft  
Station: 914+26.32  
Offset: 54.38 RT

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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 (%)
532.3	2-inch thick, black CLAY LOAM --TOPSOIL--	0											
	Very dense, brown SANDY LOAM	2											
	--WEATHERED BEDROCK-- --AUGER REFUSAL @ 1' 2"--	1		50/5"	NP	8							
531.3		50.0'											
	Boring terminated at 1.17 ft												

<b>GENERAL NOTES</b>		<b>WATER LEVEL DATA</b>	
Begin Drilling 12-10-2008	Complete Drilling 12-10-2008	While Drilling	0.00 ft
Drilling Contractor Wang Testing Service	Drill Rig Mobile B-57 TMR	At Completion of Drilling	0.00 ft
Driller K & J	Logger F. Bozga	Time After Drilling	NA
Checked by S. Sugiarto		Depth to Water	NA
Drilling Method 3.25" IDA HSA; Boring backfilled with bentonite upon completion		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual	

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**BORING LOG RWN-44**

WEI Job No.: 201-34-01  
Client: McDonough Associates, Inc.  
Project: I-55 at Arsenal Road  
Location: T34, R9E, Sec. 21, 22, 28, 27, Will Co., Illinois

Datum: NAVD  
Elevation: 533.86 ft  
North: 1725512.85 ft  
East: 1022826.48 ft  
Station: 914+95.24  
Offset: 49.85 RT

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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 (%)
533.0	10-inch thick, black CLAY LOAM --TOPSOIL--	0											
		1											
	Medium dense to very dense, brown SANDY LOAM	1			NP	49							
	--WEATHERED BEDROCK-- --AUGER REFUSAL @ 2' 11"--	4											
533.0		15											
		35											
		50/5"			NP	15							
530.8		50.0'											
	Boring terminated at 2.92 ft												

<b>GENERAL NOTES</b>		<b>WATER LEVEL DATA</b>	
Begin Drilling 12-10-2008	Complete Drilling 12-10-2008	While Drilling	0.00 ft
Drilling Contractor Wang Testing Service	Drill Rig Mobile B-57 TMR	At Completion of Drilling	0.00 ft
Driller K & J	Logger F. Bozga	Time After Drilling	NA
Checked by S. Sugiarto		Depth to Water	NA
Drilling Method 3.25" IDA HSA; Boring backfilled with bentonite upon completion		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual	

DESIGNED	XXX
CHECKED	
DRAWN	AMV
CHECKED	

SOIL BORING LOGS  
RETAINING WALL 1  
STRUCTURE NO. 099-W026

**McDonough Associates Inc.**  
Engineers / Architects  
130 East Randolph Street  
Chicago, Illinois 60601  
(312) 946-8600

SHEET NO. RWI-8 SHEETS RWI-9	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	(99-1&2) AC-3	WILL	524	309
CONTRACT NO. 60C31			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		