

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**Wang Engineering, Inc.**  
Consulting Geotechnical and Environmental Engineers  
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1145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
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**BORING LOG RWS-09**  
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: NGVD  
Elevation: 529.70 ft  
North: 1722757.10 ft  
East: 1022307.45 ft  
Station: 2021+72.20  
Offset: 26.61 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 (%)
529.70	9-inch thick, stiff, black SILTY CLAY LOAM --TOPSOIL--	0-4	4										
528.0	Medium dense to very dense, brown, medium SANDY LOAM and weathered dolostone rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 3' 6" --	4-6	1	6	1.25 P	27							
		6-5											
		5-28	2		NP	12							
		28-50/3"											
526.2	Boring terminated at 3.50 ft												

<b>GENERAL NOTES</b>		<b>WATER LEVEL DATA</b>	
Begin Drilling	12-12-2008	Complete Drilling	12-12-2008
Drilling Contractor	Wang Testing Service	Drill Rig	Diedrich D-50
Driller	K & J	Logger	F. Bozga
Checked by	H. Suhail	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite upon completion	Depth to Water	NA

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**BORING LOG RWS-10**  
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: NGVD  
Elevation: 529.05 ft  
North: 1722682.65 ft  
East: 1022316.54 ft  
Station: 2022+44.88  
Offset: 27.36 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 (%)
529.05	7-inch thick, stiff, black SILTY CLAY LOAM --TOPSOIL--	0-2	2										
528.5	Medium dense to very dense, brown, medium SANDY LOAM and weathered dolostone rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 5' 6" --	2-4	1	4	1.00 P	47							
		4-10											
		10-11											
		11-12											
		12-19	2		NP	10							
		19-26											
		26-44											
		44-3	3		NP	12							
		3-5											
523.5	Boring terminated at 5.50 ft												

<b>GENERAL NOTES</b>		<b>WATER LEVEL DATA</b>	
Begin Drilling	12-12-2008	Complete Drilling	12-12-2008
Drilling Contractor	Wang Testing Service	Drill Rig	Diedrich D-50
Driller	K & J	Logger	F. Bozga
Checked by	H. Suhail	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite upon completion	Depth to Water	NA

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**BORING LOG RWS-11**  
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: NGVD  
Elevation: 528.64 ft  
North: 1722610.05 ft  
East: 1022333.12 ft  
Station: 2023+17.04  
Offset: 26.89 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 (%)
528.64	12-inch thick, stiff, black SILTY CLAY LOAM --TOPSOIL--	0-2	2										
527.6	Very dense, brown SANDY LOAM and weathered dolostone rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 4' --	2-3	1	3	1.00 P	53							
		3-9											
		9-43											
		43-2	2		NP	21							
		2-50/3"											
524.6	Fair, brown and gray, weathered DOLOSTONE --BEDROCK-- --RUN #1 (4.0' to 9.0')-- --REC=93%-- --RQD=52%--	50/3"-9.0											
519.6	Boring terminated at 9.00 ft												

<b>GENERAL NOTES</b>		<b>WATER LEVEL DATA</b>	
Begin Drilling	12-12-2008	Complete Drilling	12-12-2008
Drilling Contractor	Wang Testing Service	Drill Rig	Diedrich D-50
Driller	K & J	Logger	F. Bozga
Checked by	H. Suhail	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite upon completion	Depth to Water	NA

DESIGNED	XXX
CHECKED	
DRAWN	AV/RJ
CHECKED	

SOIL BORING LOGS  
STRUCTURE NO. 099-W028

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

SHEET NO. RW3-10 SHEETS RW3-12	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	(99-1&2) AC-3	WILL	524	320
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT		
CONTRACT NO. 60C31					