

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**Wang Engineering, Inc.**  
Consulting Geotechnical and Environmental Engineers  
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1145 Main Street  
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**BORING LOG RWS-06**  
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: 528.87 ft  
North: 1722981.94 ft  
East: 1022314.16 ft  
Station: 2019+53.99  
Offset: 29.53 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 (%)
523.5	4-inch thick, black SILTY CLAY LOAM --TOPSOIL--	1	4	1.00	37								
523.0	Very dense, weathered bedrock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 6"--												
	Boring terminated at 0.50 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-12-2008	Complete Drilling	12-12-2008	While Drilling	▼	Dry	
Drilling Contractor	Wang Testing Service	Drill Rig	Diedrich D-50	At Completion of Drilling	▼	Dry	
Driller	K & J	Logger	F. Bozga	Time After Drilling	NA		
Checked by	H. Suhail	Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite upon completion	Depth to Water	▼	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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**BORING LOG RWS-07**  
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: 528.61 ft  
North: 1722908.43 ft  
East: 1022306.56 ft  
Station: 2020+25.44  
Offset: 27.49 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 (%)
	8-inch thick, stiff, black SILTY CLAY LOAM --TOPSOIL--	2											
527.9	Very dense, brown, medium SANDY LOAM and weathered dolostone rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 1' 6"--	1	3	1.00	44								
	Boring terminated at 6.00 ft												
527.1	Fair, brown and gray, weathered DOLOSTONE --BEDROCK-- --RUN #1 (1.5' to 6.0')-- --REC=100%-- --RQD=75%--												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-12-2008	Complete Drilling	12-12-2008	While Drilling	▼	Dry	
Drilling Contractor	Wang Testing Service	Drill Rig	Diedrich D-50	At Completion of Drilling	▼	Dry	
Driller	K & J	Logger	F. Bozga	Time After Drilling	NA		
Checked by	H. Suhail	Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite upon completion	Depth to Water	▼	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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**BORING LOG RWS-08**  
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: 529.59 ft  
North: 1722634.35 ft  
East: 1022302.99 ft  
Station: 2020+97.26  
Offset: 27.74 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 (%)
	7-inch thick, stiff, black SILTY CLAY LOAM --TOPSOIL--	4											
529.2	Medium dense to very dense, brown SANDY LOAM and weathered dolostone rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 3'--	1	8	1.00	28								
	Boring terminated at 3.00 ft												
528.6													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-12-2008	Complete Drilling	12-12-2008	While Drilling	▼	2.00 ft	
Drilling Contractor	Wang Testing Service	Drill Rig	Diedrich D-50	At Completion of Drilling	▼	2.00 ft	
Driller	K & J	Logger	F. Bozga	Time After Drilling	NA		
Checked by	H. Suhail	Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite upon completion	Depth to Water	▼	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

DESIGNED	XXX
CHECKED	
DRAWN	AV/RJ
CHECKED	

SOIL BORING LOGS  
STRUCTURE NO. 099-W028



SHEET NO. RW3-9 SHEETS RW3-12	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	(99-1&2) AC-3	WILL	524	319
CONTRACT NO. 60C31					
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					