

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**BORING LOG RWN-19**  
WEI Job No.: 201-34-01  
Client: McDonough Associates, Inc.  
Project: I-55 Interchange at Arsenal Road  
Location: T34, R9E, Sec. 21, 22, 28, 27, Will Co., Illinois

Datum: NAVD  
Elevation: 543.05 ft  
North: 1726497.37 ft  
East: 1022724.24 ft  
Station: 924+82.08  
Offset: 21.41 LT

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 (%)
542.0	33-inch thick, black SILTY LOAM --TOPSOIL-- Medium stiff, brown and black SANDY CLAY LOAM with gravel	0	1	2 3 13	0.75 P	27	543.0						
536.0	Very dense, gray DOLOSTONE rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 4"-- Boring terminated at 4.00 ft	4.0	2	50	NP	6	536.0						

<b>GENERAL NOTES</b>	<b>WATER LEVEL DATA</b>
Begin Drilling: 08-27-2008 Drilling Contractor: Wang Testing Service Driller: K & J Drilling Method: 3.25" IDA HSA; Boring backfilled with bentonite upon completion	While Drilling: DRY At Completion of Drilling: DRY Time After Drilling: NA Depth to Water: NA

**BORING LOG RWN-20**  
WEI Job No.: 201-34-01  
Client: McDonough Associates, Inc.  
Project: I-55 Interchange at Arsenal Road  
Location: T34, R9E, Sec. 21, 22, 28, 27, Will Co., Illinois

Datum: NAVD  
Elevation: 543.62 ft  
North: 1726844.23 ft  
East: 1022719.93 ft  
Station: 926+28.99  
Offset: 21.27 LT

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 (%)
543.0	33-inch thick, black SILTY LOAM --TOPSOIL-- Loose, brown and black SANDY LOAM, with gravel	0	1	3 3 4	NP	24	543.0						
538.0	Very dense, brown SAND and dolostone rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 4"-- Boring terminated at 4.00 ft	4.0	2	17	NP	17	538.0						

<b>GENERAL NOTES</b>	<b>WATER LEVEL DATA</b>
Begin Drilling: 08-27-2008 Drilling Contractor: Wang Testing Service Driller: K & J Drilling Method: 3.25" IDA HSA; Boring backfilled with bentonite upon completion	While Drilling: DRY At Completion of Drilling: DRY Time After Drilling: NA Depth to Water: NA

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

Datum: NAVD  
Elevation: 543.43 ft  
North: 1726798.04 ft  
East: 1022716.27 ft  
Station: 927+82.87  
Offset: 21.35 LT

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 (%)
543.0	33-inch thick GRAVELLY SAND --FILL-- Stiff, brown and black CLAY LOAM	0	1	5 4 4	1.75 P	46	543.0						
540.4	Very dense, gray DOLOSTONE rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 4' 1"-- Boring terminated at 4.08 ft	4.08	2	23	NP	3	540.4						

<b>GENERAL NOTES</b>	<b>WATER LEVEL DATA</b>
Begin Drilling: 08-27-2008 Drilling Contractor: Wang Testing Service Driller: K & J Drilling Method: 3.25" IDA HSA; Boring backfilled with bentonite upon completion	While Drilling: DRY At Completion of Drilling: DRY Time After Drilling: NA Depth to Water: NA

DESIGNED	PMH
CHECKED	MJL
DRAWN	PMH
CHECKED	MJL

**SOIL BORINGS  
STRUCTURE NO. 099-W027**

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

SHEET NO. RW2-26 SHEETS RW2-31	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	(99-1&2) R-6	WILL	756	490
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60F12					