

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOG RWN-10
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: 536.63 ft
North: 1725153.93 ft
East: 1022760.89 ft
Station: 011+38.8
Offset: 29.59 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 (%)
536.63	3-4 inch thick, black SANDY LOAM --TOPSOIL--												
536.5	Brown, black and gray SANDY LOAM, with gravel --FILL--	1	3	NP	14								
	Stiff, brown, black and gray CLAY LOAM	4											
532.8	Medium dense, brown SANDY LOAM, some rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 8--	2	2	1.25	11								
532.8	Boring terminated at 6.00 ft												

GENERAL NOTES	WATER LEVEL DATA
Begin Drilling: 08-21-2008 Complete Drilling: 08-21-2008 Drilling Contractor: Wang Testing Service Drill Rig: Mobile B-57 TMR Driller: K & J Logger: F. Bozga Checked by: E. Datz 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-11
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: 537.19 ft
North: 1725294.78 ft
East: 1022757.90 ft
Station: 012+79.63
Offset: 25.89 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 (%)
535.5	4-inch thick, black SILTY LOAM --TOPSOIL--												
	Stiff, brown CLAY LOAM --FILL--	1	7	1.75	25								
604.2	Medium dense to very dense, brown GRAVELLY SAND	2	6	NP	5								
631.7	Medium dense to very dense, brown GRAVELLY SAND with DOLOSTONE rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 7--	3	12	NP	7								
632.2	Boring terminated at 7.00 ft												

GENERAL NOTES	WATER LEVEL DATA
Begin Drilling: 08-27-2008 Complete Drilling: 08-27-2008 Drilling Contractor: Wang Testing Service Drill Rig: Mobile B-57 TMR Driller: K & J Logger: F. Bozga Checked by: E. Datz 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-12
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: 538.24 ft
North: 1725451.18 ft
East: 1022753.50 ft
Station: 014+35.50
Offset: 24.79 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 (%)
538.24	3-4 inch thick, black SILTY LOAM --TOPSOIL--												
	Black and brown SANDY CLAY LOAM	1	3	2.00	16								
535.2	Medium dense, brown SANDY LOAM	2	4	NP	17								
532.7	Stiff, black SANDY CLAY LOAM with DOLOSTONE rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 7.5--	3	10	1.75	22								
532.7	Boring terminated at 7.50 ft												

GENERAL NOTES	WATER LEVEL DATA
Begin Drilling: 08-27-2008 Complete Drilling: 08-27-2008 Drilling Contractor: Wang Testing Service Drill Rig: Mobile B-57 TMR Driller: K & J Logger: F. Bozga Checked by: E. Datz 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. RW2-23 SHEETS RW2-31	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	(99-1&2) R-6	WILL	756	487
CONTRACT NO. 60F12					
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					