

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**W** Wang Engineering, Inc.  
Consulting Geotechnical and  
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**BORING LOG ASB-03**  
WEI Job No.: 201-34-01

Datum: NGVD  
Elevation: 544.78 ft  
North: 1730547.81 ft  
East: 1022390.98 ft  
Station: 6089+33.86  
Offset: 36.97 LT

Client: **McDonough Associates, Inc.**  
Project: **I-55 at Arsenal Road**  
Location: **T34, R9E, Sec. 21, 22, 28, 27, Will Co., Illinois**

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)
544.7	13-inch thick ASPHALT --PAVEMENT--						544.3	Very good, brown and gray, DOLOSTONE --RUN #2 (10' 6" to 15' 6")-- --REC=100%-- --RQD=98%-- --Qu=845.28 tsf--					
543.7	Very stiff, brown CLAY to CLAY LOAM --FILL--	1	3		2.50	23							
540.8	Dense, DOLOSTONE rock fragments* --WEATHERED BEDROCK-- --AUGER REFUSAL @ 5' 6"--	2	13		2.00	14							
539.3	Very poor to poor, gray and white DOLOSTONE --BEDROCK-- --RUN #1 (5' 6" to 10' 6")-- --REC=100%-- --RQD=17%--	3	26				539.3	Boring terminated at 15.50 ft					

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-20-2008	Complete Drilling	08-20-2008	While Drilling	DRY		
Drilling Contractor	Wang Testing Service	Drill Rig	Mobile B-57 TMR	At Completion of Drilling	DRY		
Driller	K & J	Logger	E. Datz	Time After Drilling	NA		
Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite			Depth to Water	NA		
upon completion				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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**BORING LOG ASB-04**  
WEI Job No.: 201-34-01

Datum: NGVD  
Elevation: 540.69 ft  
North: 1730491.03 ft  
East: 1022472.78 ft  
Station: 6089+33.86  
Offset: 26.54 RT

Client: **McDonough Associates, Inc.**  
Project: **I-55 at Arsenal Road**  
Location: **T34, R9E, Sec. 21, 22, 28, 27, Will Co., Illinois**

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)
540.4	7-inch thick, black SILTY LOAM --TOPSOIL--						540.4	DOLOSTONE rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 1' 6"--					
538.5	Very poor, gray and white DOLOSTONE --BEDROCK-- --RUN #1 (1' 6" to 6' 6")-- --REC=100%-- --RQD=7%--	1	13		50/4	NP	538.5	Boring terminated at 11.50 ft					
534.5	Fair, gray and brown DOLOSTONE --RUN #2 (6' 6" to 11' 6")-- --REC=100%-- --RQD=72%-- --Qu=507.6 tsf--	2	26										

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-19-2008	Complete Drilling	08-19-2008	While Drilling	DRY		
Drilling Contractor	Wang Testing Service	Drill Rig	Mobile B-57 TMR	At Completion of Drilling	DRY		
Driller	K & J	Logger	E. Datz	Time After Drilling	NA		
Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite			Depth to Water	NA		
upon completion				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

DESIGNED	MJL
CHECKED	PMH
DRAWN	RJ
CHECKED	BKB



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

**SOIL BORING LOGS**  
**STRUCTURE NO. 099-0347**

SHEET NO. SF24	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SF24 SHEETS	55	92-2HB-2B-1	WILL	756	526
		SN 099-0347	CONTRACT NO. 60F12		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			