

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date Started 8/24/04
Date Completed 8/24/04

ROUTE DESCRIPTION Box Culvert & Ditch - McLean Boulevard
SECT. STRUCT. NO. DRILLED BY TSC L-60,393
COUNTY Kane LOCATION S. 3 - SW 1/4, TWP. 40 N, RNG. 8 E

Boring No.	Station	Offset	Surface Elev.	D	B	L	O	W	S	Qu	W	Surface Water Elev.	D	B	L	O	W	S	Qu	W
MCSR-1	803-82	83.00R LT	721.49	H	T	P	O	T	S	tsf	%	when drilling	H	T	P	O	T	S	tsf	%
FILL - Crushed Limestone 726.78																				
FILL - Gray clayey SAND and GRAVEL, occasional Cobbles, moist A-1 718.45																				
FILL - Gray and brown CLAY and CLAY LOAM, trace gravel, moist A-6 715.49																				
FILL - Black CLAY LOAM, trace to little gravel, moist A-6 715.99																				
FILL - Soft black SANDY LOAM and CLAY LOAM, trace to little gravel, very moist A-6 705.49																				
FILL - Brown and gray CLAY and CLAY LOAM, trace to little gravel, moist to very moist A-6																				

SPT, (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

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MCSR-2	804-12	14.00R LT	722.41	H	T	P	O	T	S	tsf	%	when drilling	H	T	P	O	T	S	tsf	%
FILL - Crushed Limestone 721.81																				
FILL - Brown and dark gray CLAY, moist A-6 718.41																				
FILL - Brown and black SANDY LOAM, little gravel, moist A-2-4/A-4 716.41																				
Fractured Rock, hard drilling 716.91																				
Auger Refusal at 6.5'																				

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MCSR-3	804-46	31.00R RT	723.05	H	T	P	O	T	S	tsf	%	when drilling	H	T	P	O	T	S	tsf	%
FILL - Crushed Limestone 722.54																				
FILL - Brown and dark brown SANDY LOAM, little gravel, moist A-2-4 720.05																				
FILL - Brown and black clayey SAND with gravel, moist A-1-b 717.55																				
Fractured Rock, hard drilling 716.55																				
Auger Refusal at 6.5'																				

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MCSR-4	803-16	43.70R RT	721.13	H	T	P	O	T	S	tsf	%	when drilling	H	T	P	O	T	S	tsf	%
FILL - Black clayey Topsoil 729.45																				
FILL - Brown and gray CLAY LOAM, trace organic, moist A-6/A-6 719.15																				
Possible fractured bedrock surface Refusal at 2.0'																				
GeoProbe on ATV Carrier (#294)																				
MC = Continuous Macro-core samples (1.5" diam.) using ATV GeoProbe rig																				

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MCSR-5	801-97	40.80R RT	718.28	H	T	P	O	T	S	tsf	%	when drilling	H	T	P	O	T	S	tsf	%
FILL - Brown CLAY LOAM, trace gravel, moist 14.6																				
FILL - Brown clayey SAND, little gravel, moist A-2-4 716.78																				
Possible fractured bedrock surface Refusal at 1.5'																				
GeoProbe on ATV Carrier (#294)																				
MC = Continuous Macro-core samples (1.5" diam.) using ATV GeoProbe rig																				

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MCSR-6	801-55	26.70R LT	718.42	H	T	P	O	T	S	tsf	%	when drilling	H	T	P	O	T	S	tsf	%
FILL - Black clayey Topsoil 716.42																				
FILL - Brown clayey SAND and GRAVEL, moist A-2-4 716.92																				
Possible fractured bedrock surface Refusal at 1.5'																				
GeoProbe on ATV Carrier (#294)																				
MC = Continuous Macro-core samples (1.5" diam.) using ATV GeoProbe rig																				

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W Wang Engineering, Inc.
Client: McDonough Associates, Inc.
Project: McLean Blvd / New Stearns Rd
Location: Sec. 3, T 40 N, R 8 E of Geneva Quadrangle

BORING LOG MDB-1
WEI Job No.: 201-33-01
Datum: NGVD
Elevation: 716.94 ft
North: 1933915.05 ft
East: 369355.24 ft
Station: 716.94
Offset:

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Sample No.	SPT Values (blows/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Sample No.	SPT Values (blows/ft)	Moisture Content (%)
716.94	5-inch thick, brown SANDY CLAY LOAM				716.94	TOPSOIL			
716.78	Very dense, brown and gray GRAVELLY SAND				716.78	FILL			
716.42	SMt, brown and gray CLAY, trace sand and gravel				716.42	FILL			
716.14	Very dense, brown GRAVEL with sand				716.14	FILL			
709.00	Hard, brown, moderately weathered, intracrystalline DOLOMITIC LIMESTONE with some vuggy porosity				709.00	C O R E			

GENERAL NOTES
Begin Drilling 07-25-2008
Drilling Contractor WTS
Driller K & J
Drilling Method 4.25" IDA HSA

WATER LEVEL DATA
White Drilling
At Completion of Drilling
Time After Drilling
Depth to Water