STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date Started 8/18/04
Date Completed 8/18/04

ROUTE _____ DESCRIPTION McLean Boulevard Retaining Wall - East Side

SECT. _____ STRUCT. NO. _____ DRILLED BY TSC L-60,393

COUNTY Kane LOCATION _____ S. 3 - NW 1/4 , TWP. 40 N , RNG. 8 E

Boring No. MCWL-3A
Station 814+57
Offset 51.00ft RT
Surface Elev. 763.94 ft

Surface Water Elev. _____
Groundwater Elev.:
when drilling Dry
at Completion Dry
after _____ Hrs. _____

	DEPTH	BLOWS	Qu tsf	W %
Dark brown clayey Topsoil 763.64				
Hard brown CLAY, trace gravel, damp (fractured, possible fill) 760.94				12.0
	-5	B 8,7 15%		19.1
Hard brown CLAY LOAM, trace gravel, moist A-6		S 5,1 10%		17.1
	-10	B 6,8 15%		20.1
750.94		B 4,7 15%		18.3
	-15	B 3,5 15%		19.4
Very stiff gray CLAY, trace gravel, moist A-6		B 3,6 15%		19.4
743.94	-20	B 3,7 15%		20.1
End of Boring at 20.0'				
GeoProbe on ATV Carrier (#294)				
MC = Continuous Macro-core samples (1.5" diam.) using ATV GeoProbe rig	-25			

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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Page 1 of 1
Date Started 6/30/04
Date Completed 6/30/04

ROUTE _____ DESCRIPTION McLean Boulevard Retaining Wall - East Side

SECT. _____ STRUCT. NO. _____ DRILLED BY TSC L-60,393

COUNTY Kane LOCATION _____ S. 3 - NW 1/4 , TWP. 40 N , RNG. 8 E

Boring No. MCWL-4
Station 815+28
Offset 24.00ft RT
Surface Elev. 760.44 ft

Surface Water Elev. _____
Groundwater Elev.:
when drilling Dry
at Completion Dry
after _____ Hrs. _____

	DEPTH	BLOWS	Qu tsf	W %
Brown clayey Topsoil 760.14				
Hard brown CLAY, trace gravel, moist A-6		10 14 14 B 6.0 15%		18.4
757.44				
Hard gray and brown CLAY, trace gravel, moist A-6	-5	9 12 14 B 4.6 15%		16.7
754.94				
Hard gray CLAY, trace gravel, moist A-6		10 15 16 B 4.6 15%		18.4
752.44				
		9 11 11 B 3.3 15%		20.8
	-10			
		8 10 10 B 3.5 15%		21.5
		8 9 11 B 3.6 15%		21.5
	-15			
Very stiff gray CLAY, trace gravel, moist A-6		7 9 11 B 2.8 15%		21.3
		8 10 11 B 3.4 15%		20.4
	-20			
		8 9 11 B 3.4 15%		21.0
		8 10 12 B 3.1 15%		20.4
	-25			

	DEPTH	BLOWS	Qu tsf	W %
Very stiff gray CLAY, trace gravel, moist A-6		7 9 12 B 3.3 15%		20.8
	-30	7 9 9 B 3.2 15%		20.8
		8 10 13 B 3.1 15%		22.7
	-35			
720.44	-40	10 12 12 B 3.3 15%		22.6
End of Boring at 40.0'				
Diedrich D-120 Truck Rig (#282) CME Automatic Hammer				
3.25" (83 mm) ID HSA	-45			
	-50			

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

DESIGNED	JCE/KJH
CHECKED	PMH
DRAWN	JCE/PMH
CHECKED	KJH

200

EXAMINED _____
ENGINEER OF BRIDGE DESIGN

PASSED _____
ENGINEER OF BRIDGES AND STRUCTURES

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

SOIL BORING LOGS
STRUCTURE NO. 045-2039

SHEET NO. EW13	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
EW13 SHEETS	361	06-00214-02-BR	KANE	219	170
			CONTRACT NO. 63073		
	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		