

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date Started 6/25/04
Date Completed 6/25/04

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.	Station	Offset	Surface Elev.	D	B	L	Qu	W	Surface Water Elev.	D	B	L	Qu	W
MCWL-1	813+02	24.00R RT	748.64	H	S	O	tsf	%		H	S	O	tsf	%
1" Asphaltic Concrete														
12" P.C. Concrete														
FILL - Crushed Limestone, damp A-1-a														
Very stiff brown and gray SILTY CLAY LOAM, occasional silt seams, moist A-6														
Medium dense gray clayey SILT, moist A-4														
Very stiff gray CLAY, occasional silt seams, trace gravel, moist A-6														
Dolomite, tan to light gray, silty, thin bedded with occasional green clay partings, dense														
Core Run from 34 to 44 feet Recovery = 88% RQD = 15%														
End of Core at 44.0'														
Diedrich D-120 Truck Rig (#282) CME Automatic Hammer														
3.25" (83 mm) ID HSA														
Rock Core with NX Core Barrel														

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 8/17/04
Date Completed 8/17/04

ROUTE F.A.U. 2509 DESCRIPTION CC & P Railroad over McLean Boulevard
SECT. 98-00214-02-BR STRUCT. NO. 045-3163 DRILLED BY TSC L-60,393
COUNTY Kane LOCATION North End East Abutment S. 3 - NW 1/4, TWP. 40 N, RNG. 8 E

Boring No.	Station	Offset	Surface Elev.	D	B	L	Qu	W	Surface Water Elev.	D	B	L	Qu	W
CNMC-4	6+72 CL CC & P RR	19.00R LT	761.90	H	S	O	tsf	%		H	S	O	tsf	%
FILL - Brown to dark brown CLAY and CLAY LOAM, trace gravel and cinders, moist A-6														
Very stiff gray CLAY, trace gravel, moist A-6														
Hard brown CLAY, trace gravel, moist A-6														
Hard gray CLAY, trace gravel, moist A-6														
Very dense gray GRAVEL, little sand, occasional Cobbles, moist A-1-a														
Very dense clayey SAND and GRAVEL, occasional Cobbles and Boulders, saturated A-1														
Very stiff gray CLAY, trace gravel, moist A-6 (Qp = 3.5 tsf)														

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ROUTE F.A.U. 2509 DESCRIPTION CC & P Railroad over McLean Boulevard
SECT. 98-00214-02-BR STRUCT. NO. 045-3163 DRILLED BY TSC L-60,393
COUNTY Kane LOCATION South Wall East Abutment S. 3 - NW 1/4, TWP. 40 N, RNG. 8 E

Boring No.	Station	Offset	Surface Elev.	D	B	L	Qu	W	Surface Water Elev.	D	B	L	Qu	W
CNMC-5	6+76 CL CC & P RR	21.00R RT	758.65	H	S	O	tsf	%		H	S	O	tsf	%
FILL - Black clayey Topsoil														
FILL - Brown and gray CLAY and CLAY LOAM, trace gravel, moist A-6														
Very stiff gray CLAY, trace gravel, moist A-6														
Hard brown CLAY LOAM, trace gravel, moist A-6														
Hard brown CLAY, trace gravel, moist A-6														
Very hard brown CLAY, little gravel, damp A-6														
Very stiff gray CLAY, trace gravel, moist A-6														
Stiff gray CLAY, trace gravel, moist A-6														
Very stiff gray CLAY, 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

DESIGNED	JCE/KJH	200
CHECKED	PMH	EXAMINED
DRAWN	JCE/PMH	PASSED
CHECKED	KJH	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. EW10	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
EW13 SHEETS	361	06-00214-02-BR	KANE	219	167
CONTRACT NO. 63073					
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					