

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date Started 8/16/04
Date Completed 8/16/04

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 South End West Abutment S. 3 - NW 1/4, TWP. 40 N., RNG. 8 E.

Boring No.	Station	Offset	Surface Elev.	DEPTH	TEST	SOIL	Qu	W	Surface Water Elev.	DEPTH	TEST	SOIL	Qu	W
CNMC-2	5+22 CL CC & P RR	25.80 ft RT	758.56											
				2	P		4.5	17.7						
				3	P									
				6	S		9.9	12.3						
				9	S		8.0	10%						
				11	B		10.0	16.0						
				15	B		5.4	16.1						
				16	S		5.4	10%						
				7	P		4.5	19.6						
				9	P									
				10	P									
				4	B		5.3	19.2						
				6	B		3.9	15%						
				11	B		3.9	15%						
				3	B		3.9	19.9						
				5	B		4.5	18.7						
				7	B		4.5	15%						
				3	B		4.0	20.6						
				6	B		4.0	15%						

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 6/24/04
Date Completed 6/24/04

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.	DEPTH	TEST	SOIL	Qu	W	Surface Water Elev.	DEPTH	TEST	SOIL	Qu	W
CNMC-3	812+24 BL NB McLean	22.00 ft RT	745.63											
				13										
				10										
				10										
				8										
				9										
				10										
				6	B		2.1	21.7						
				8	B		3.9	15%						
				8	B		3.9	15%						
				6	P		1.0	24.1						
				7	P									
				7	P									
				7	B		3.1	22.2						
				8	B		3.4	22.5						
				9	B		3.4	15%						
				10	B		3.0	21.2						
				10	B		3.0	21.2						
				7	B		3.3	23.1						
				9	B		3.3	15%						
				9	B		3.3	15%						
				10	B		3.0	23.1						
				50/3"	B		3.0	7.7						
				28										
				35										
				42										

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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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 West Abutment S. 3 - NW 1/4, TWP. 40 N., RNG. 8 E.

Boring No.	Station	Offset	Surface Elev.	DEPTH	TEST	SOIL	Qu	W	Surface Water Elev.	DEPTH	TEST	SOIL	Qu	W
CNMC-1	4+78 CL CC & P RR	27.00 ft RT	756.75											
				2	S									
				3	S		1.7	15.4						
				4	S		8.5	12%						
				7	S		8.5	15.7						
				8	S		8.5	12%						
				10	S		6.6	16.4						
				10	S		6.6	15%						
				3	B		5.0	17.8						
				9	B		5.0	15%						
				3	B		6.4	20.0						
				9	B		6.4	15%						
				3	P		2.0	18.8						
				7	P									
				9	P									
				3	B		2.3	20.7						
				6	B		2.4	19.0						
				4	B		2.4	15%						
				8	B		5.2	20.4						
				3	B		5.5	18.7						
				9	B		5.5	15%						

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

EXAMINED	200
PASSED	ENGINEER OF BRIDGE DESIGN
	ENGINEER OF BRIDGES AND STRUCTURES

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

FREEPORT SUBDIVISION	
BRIDGE NO. W40.07	
SHEET NO. S20	RTE.
S21 SHEETS	361

SOIL BORING LOGS
STRUCTURE NO. 045-3163

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00214-02-BR	KANE	219	147
SN 045-3163		CONTRACT NO. 63073	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			