STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 29 OF
FAP 360	*	KANE	41	39	31 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		

Contract # 83951 * 06-00214-07-BR

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 2
Date Started 8/18/04
Date Completed 8/19/04

ROUTE F.A.P. 360 DESCRIPTION Dunham Road Bridge over CC & P Railroad
SECT. 98-00214-02-BR STRUCT. NO. 045-3169 DRILLED BY TSC L-60,393
COUNTY Kane LOCATION West End SB South Abutment S. 1 - SE 1/4 , TWP. 40 N. , RNG. 8 E.

Boring No. DUCN-2
Station 262+10
Offset 44.00ft LT
Surface Elev. 759.60 ft

Surface Water Elev. ____
Groundwater Elev.:
when drilling 735.6
at Completion 735.6
after ____ Hrs. ____

Description	Elev.	Depth	Blows	Qu tsf	W %
Dark brown clayey Topsoil	759.10				
Medium dense brown clayey SAND, damp A-2-4	756.60		4 7 7		7.3
		-5	9 7 10		2.8
Medium dense brown SAND and GRAVEL, damp A-1-a			7 11 13		2.8
		-10	8 11 14		3.4
	746.60		5 11 12		2.8
		-15	7 11 20		3.3
Dense brown SAND and GRAVEL, damp A-1-a			10 10 20		3.8
	739.10	-20	12 21 17		3.5
Dense to medium dense brown SAND and GRAVEL, moist to saturated A-1-a			7 14 20		4.4
	734.60	-25	9 12 15		7.0
Hard brown and gray CLAY, trace gravel, moist A-6	731.10		10 8 10	S 4.7 10%	16.8
Loose gray SANDY LOAM, moist to very moist A-2-4	729.10	-30	11 3 3	B 0.3 15%	12.0
Very stiff gray CLAY, trace gravel, moist A-6	726.60		7 10 12	B 2.2 15%	14.9
Very stiff to hard gray CLAY and CLAY LOAM, trace gravel, moist A-6		-35	7 10 15	B 4.4 15%	13.8
			9 10 16	B 3.5 15%	13.5
		-40	8 13 20	B 5.8 15%	13.3
			8 16 20	B 3.9 15%	13.2
		-45	5 10 16	B 4.1 15%	9.9
			6 14 20	B 4.1 15%	12.4
	709.60	-50	12 18 23	B 4.0 15%	12.0

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 2 of 2
Date Started 8/18/04
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STRUCTURE NO. 045-3169
ROUTE F.A.P. 360
SECTION 98-00214-02-BR
COUNTY Kane

Boring No. DUCN-2
Station 262+10
Offset 44.00ft LT
Elevation 709.60 ft

STRUCTURE NO. 045-3169
ROUTE F.A.P. 360
SECTION 98-00214-02-BR
COUNTY Kane

Description	Elev.	Depth	Blows	Qu tsf	W %
Hard gray CLAY and CLAY LOAM, trace gravel, moist A-6		-55	15 20 28	B 4.5 15%	12.8
	697.60	-60	9 20 30	B 4.3 15%	12.2
Dense brown and gray SAND and GRAVEL, saturated A-1-a		-65	11 16 21		9.6
	692.60				
Hard gray CLAY, trace gravel, moist A-6		-70	9 22 25	B 8.2 15%	11.6
	687.60				
Very stiff brown and gray CLAY, trace gravel, moist A-6	684.60	-75	8 8 15	B 3.3 15%	17.3
Medium stiff to stiff dark gray CLAY, trace organic, very moist A-7-6	681.60		5 10 12	P 1.0	21.1
Dense brown SAND and GRAVEL, saturated A-1-a	677.60	-80	10 16 36		15.2
Dense brown silty SAND and GRAVEL, saturated A-1-a	672.60	-85	7 12 20		16.0
Medium dense brown and gray clayey SAND and GRAVEL, moist A-1-b	668.60	-90	6 8 10		17.6
BOULDER	667.60				
Stiff brown and gray CLAY, trace gravel, moist A-6	665.60		13 50/4"	P 1.25	23.3
Possible fractured bedrock	663.60	-95			
Auger Refusal at 96.0'					
CME 850 Track ATV Drill Rig (#127) CME Automatic Hammer 3.25" (83 mm) ID HSA		-100			

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DESIGNED	BAK
CHECKED	SF
DRAWN	MTR
CHECKED	BAK

BORING DUCN-2

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Job No. 896

SOIL BORING LOGS 2
DUNHAM ROAD OVER
THE CC&P RAILROAD
SECTION 06-00214-07-BR
KANE COUNTY
STATION 262+90.93
STR. NO. 045-3169 (NB) / 045-3170 (SB)

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