STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 360	*	KANE	41	38
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 28 OF 31 SHEETS

Contract # 83951 * 06-00214-07-BR

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 2

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

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 NB South Abutment S. 1 - SE 1/4 , TWP. 40 N , RNG. 8 E

Boring No. DUCN-1
Station 261+57
Offset 12.00ft RT
Surface Elev. 762.50 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 736.5
at Completion 741.5
after Hrs.

Description	Elev.	Depth	Blows	Qu tsf	W %
Dark brown clayey Topsoil	761.50				
Hard brown CLAY LOAM, trace gravel, moist A-6	757.50	-5	3 5 6	P 4.5	16.3
			3 5 7	P 4.5	15.3
			12 17 18		3.2
Dense brown SAND and GRAVEL, damp A-1-a		-10	6 16 21		3.7
			6 16 20		3.2
		-15	30 21 30		5.7
	744.50		6 12 20		3.4
Medium dense to dense brown fine SAND, damp A-3	742.00	-20	40 12 15		3.3
Dense brown SAND, little to some gravel, saturated A-1-b	739.50		16 17 20		12.0
Medium dense brown SAND, trace gravel, saturated A-1-b	737.50	-25	16 8 9		9.0
Medium dense brown SAND and GRAVEL, saturated A-1-a	734.50		6 8 12		9.3
Very stiff brown CLAY LOAM, trace gravel, moist A-4/A-6	732.00	-30	23 10 12	B 2.5 15%	11.2
Stiff gray CLAY LOAM, trace gravel, moist A-6	729.50		3 3 4	B 1.8 15%	11.0
		-35	6 5 8	B 3.3 15%	14.4
Very stiff gray CLAY, trace gravel, moist A-6			7 8 15	B 3.4 15%	13.9
		-40	6 8 15	B 3.9 15%	12.9
	719.50		9 11 15	B 3.1 15%	13.3
Hard gray CLAY, trace gravel, moist A-6		-45	9 12 15	B 4.6 15%	13.3
	714.50		9 12 14	B 6.0 15%	12.0
Very stiff gray CLAY, trace gravel, moist A-6	712.50	-50	3 3 12	B 3.5 15%	12.6

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 2 of 2

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

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

Boring No. DUCN-1
Station 261+57
Offset 12.00ft RT
Elevation 712.50 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, trace gravel, moist A-6		-55	10 17 26	B 4.5 15%	13.3
		-60	8 11 16	B 5.4 15%	12.3
		-65	9 17 20	B 4.0 15%	13.1
		-70	9 21 23	B 4.5 15%	12.9
	689.50				
Stiff dark gray CLAY, trace organic, moist to very moist A-6/A-7-6		-75	6 11 13	B 1.2 15%	23.1
Stiff dark gray CLAY, trace organic, moist to very moist A-6/A-7-6	685.50				
Medium dense dark gray and brown silty SAND and GRAVEL, trace organic, saturated A-1	682.00	-80	5 7 9		11.2
Very dense to dense brown silty SAND and GRAVEL, occasional Cobbles, (rock fragments recovered), saturated A-1/A-2	677.50	-85	50/4"		19.9
			6 12 24		15.4
End of Boring at 85.0'					
CME 850 Track ATV Drill Rig (#127) CME Automatic Hammer 3.25" (83 mm) ID HSA		-90			
		-95			
		-100			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
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DESIGNED	BAK
CHECKED	SF
DRAWN	MTR
CHECKED	BAK

BORING DUCN-1

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com
Job No. 896

SOIL BORING LOGS 1
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)

10/11/2007 6:10:41 PM
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