

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	FEET	SHEET	SHEET NO. 31 OF
FAP 360	*	KANE	41	41	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 6/21/04

ROUTE F.A.P. 360 DESCRIPTION Dunham Road Bridge over CC & P Railroad Date Completed 6/21/04  
SECT. 98-00214-02-BR STRUCT. NO. 045-3169 DRILLED BY TSC L-60.393  
COUNTY Kane LOCATION East End SB North Abutment S. 1 - SE 1/4, TWP. 40 N, RNG. 8 E

Boring No.	Station	Offset	Surface Elev.	DPTH	BLWS	Qu tsf	W %	Surface Water Elev.	Groundwater Elev.:	when drilling	at Completion	Hrs.
DUCN-4	264+22	12.00ft LT	753.10									
FILL - Dark brown sandy Topsoil, moist												
			751.80	3	P	15.1						
				4	0.5	20.3						
FILL - Brown SANDY LOAM, trace gravel, very moist A-2-4/A-4												
			750.10	4	B	23.0						
				4	1.1							
				5	15%							
FILL - Brown CLAY LOAM, trace organic, trace gravel, moist A-6												
			747.60	3	B	31.3						
				3	0.8							
				3	15%							
FILL - Brown CLAY LOAM, some black clay, trace wood, very moist A-6/A-7-6												
			743.60	3	B	22.0						
				3	0.7							
				4	15%							
Loose brown and black clayey SAND, little gravel, moist A-1-b												
			742.60	10	B	13.3						
				10								
				12								
Medium dense brown SAND and GRAVEL, saturated A-1												
				8	B	13.5						
				10								
				16								
			737.60	15								
Very stiff to hard brownish-gray CLAY and CLAY LOAM, trace gravel, moist A-6												
				8	B	12.8						
				10	3.7							
				12	15%							
Very stiff to hard brownish-gray CLAY and CLAY LOAM, trace gravel, damp to moist A-6												
				8	B	13.0						
				12	4.3							
				15	15%							
Hard to very hard CLAY and CLAY LOAM, trace gravel, A-6												
				10	B	14.1						
				12	4.3							
				18	15%							
				13	B	13.9						
				10	4.1							
				16	15%							
			703.10	28	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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
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STRUCTURE BORING LOG

Page 2 of 2  
Date Started 6/21/04  
Date Completed 6/21/04

STRUCTURE NO. 045-3169 ROUTE F.A.P. 360 SECTION 98-00214-02-BR COUNTY Kane  
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Boring No.	Station	Offset	Surface Elev.	DPTH	BLWS	Qu tsf	W %	Surface Water Elev.	Groundwater Elev.:	when drilling	at Completion	Hrs.
DUCN-4	264+22	12.00ft LT	703.10									
Hard to very hard CLAY and CLAY LOAM, trace gravel, moist A-6												
				12	B	13.0						
				18	6.8							
				28	15%							
Very dense brown and gray SAND and GRAVEL, occasional Cobbles, trace silt, wet A-1-a												
				49	B	13.7						
				35								
				44								
Probable fractured and broken Dolomite, hard drilling												
				100/0"								
End of Boring at 64.0'												

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

6/11/04 5:59 PM

10/11/2007

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DESIGNED	BAK
CHECKED	SF
DRAWN	MTR
CHECKED	BAK

BORING DUCN-4

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

SOIL BORING LOGS 4  
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)