

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
-	-	KANE	545	343
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract # 63074

SHEET 34
OF 34 SHEETS

DUEB-7

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG
Page 1 of 2
Date Started 7/15/04
Date Completed 7/15/04

ROUTE F.A.P. 360 DESCRIPTION IL Route 25/Dunham Road over E. Br. Brewster Creek
SECT. 98-00214-02-BR STRUCT. NO. 045-2032 DRILLED BY TSC L-60,393
COUNTY Kane LOCATION North Abutment S 1-Cnr TWP 40 N. RNG. 8 E.

Boring No.	D	B	Surface Water Elev.	D	B
Station	E	L	Groundwater Elev.	E	L
Offset	P	O	when drilling	P	O
	T	W	at Completion	T	W
	H	S	after	H	S
Surface Elev.	Qu	W	Hrs.	Qu	W
	tsf	%		tsf	%
FILL - Black ORGANIC CLAY 736.78	1	P		3	B
FILL - Black CLAY, very moist A-7-6 734.78	1	0.5	29.3	4	1.0
Dark brown and black ORGANIC CLAY, very moist A-7-6 733.28	2	S	55.7	11	B
Gray clayey SAND and GRAVEL, very moist A-1-b 732.28	7	0.3	14.5	9	1.5
Dense brown SAND and GRAVEL, saturated A-1-a 729.78	5	10%	14.5	8	15%
Hard brown CLAY, trace gravel, moist A-6 726.78	10			17	
Hard gray CLAY, trace gravel, moist A-6 719.78	9	S	21.9	7	
Very stiff gray CLAY, trace gravel, moist A-6 717.28	7	6.0	10%	9	10
Medium dense gray SILT, very moist A-4 714.78	10	B	19.1	17	
Stiff gray SILT and CLAY layers, very moist A-4/A-6	9	B	16.9	20	18.6
	13	6.1	15%	26	
	10	B	17.2	11	S
	12	4.1	15%	17	5.6
	13	15%		20	10%
	6	B	19.2	11	S
	9	2.6	15%	17	5.6
	15	15%		20	10%
	3		20.3	18	
	4			14	
	6			14	
	6	B	18.5	18	
	5	1.0	15%	14	
	7	15%		14	

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
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STRUCTURE NO. 045-2032
ROUTE F.A.P. 360
SECTION 98-00214-02-BR
COUNTY Kane

Boring No.	D	B	Surface Water Elev.	D	B
Station	E	L	Groundwater Elev.	E	L
Offset	P	O	when drilling	P	O
	T	W	at Completion	T	W
	H	S	after	H	S
Surface Elev.	Qu	W	Hrs.	Qu	W
	tsf	%		tsf	%
Medium dense gray SAND and GRAVEL, saturated A-1-a 685.78					
Dense gray SAND, trace gravel, saturated A-1-b 683.28				17	
Probable Fractured Rock 682.78				20	
				23	
End of Boring at 55.0'					
CME 750 ATV Drill Rig (#275)					
CME Automatic Hammer					
3.25" (83 mm) ID HSA					

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	AJK
CHECKED	AAY
DRAWN	AYR
CHECKED	DMC

benesch
alfred benesch & company
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205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450
Job # 3944

SOIL BORING LOG 4 OF 4
IL 25/DUNHAM ROAD OVER THE
EAST BRANCH OF BREWSTER CREEK
F.A.P. 360 - SEC. 06-00214-15-BR
KANE COUNTY
STATION 276+36.96
STRUCTURE NO. 045-2032

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