

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	545	346
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract # 63074

DUEB-1

DUEB-2

ILLINOIS DEPARTMENT OF TRANSPORTATION  
Testing Service Corporation  
STRUCTURE BORING LOG  
Page 1 of 2  
Date Started 7/14/04  
Date Completed 7/14/04

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 West End South Abutment S. 1-Cntr TWP. 40 N. RNG. 8 E

Boring No.	Station	Offset	Surface Elev.	D	B	L	W	Qu	W	Surface Water Elev.	D	B	L	W	Qu	W
			ft	T	H	S	tsf	%	%	ft	T	H	S	tsf	%	%
DUEB-1	275+70	32.00ft LT	735.80							730.3						
Black clayey Topsoil 734.80																
Medium dense gray clayey SILT and SAND, trace gravel, moist A-4 and A-1-b 707.80																
Medium dense gray SAND and GRAVEL, saturated A-1 730.30																
Hard gray CLAY, trace gravel, moist A-6 727.80																
Very stiff gray CLAY, trace gravel, moist A-6 698.80																
Stiff gray CLAY, occasional silt seams, moist A-6 717.80																
Medium dense gray fine to medium SAND, saturated A-3 715.30																
Stiff gray CLAY and SILT layers, very moist A-4/A-6 712.80																
Medium dense gray SAND, little gravel, saturated A-1-b 710.80																

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.P. 360  
SECTION 98-00214-02-BR  
COUNTY Kane

Boring No.	Station	Offset	Surface Elev.	D	B	L	W	Qu	W	Surface Water Elev.	D	B	L	W	Qu	W
			ft	T	H	S	tsf	%	%	ft	T	H	S	tsf	%	%
DUEB-1	275+70	32.00ft LT	685.80													
Very dense gray SAND and GRAVEL, occasional Cobbles and Boulders, wet A-1-a 100'2" 9.0																
Auger Refusal at 55.0'																
CME 750 ATV Drill Rig (#276) CME Automatic Hammer 3.25" (83 mm) ID HSA																

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COUNTY Kane LOCATION East End South Abutment S. 1-Cntr TWP. 40 N. RNG. 8 E

Boring No.	Station	Offset	Surface Elev.	D	B	L	W	Qu	W	Surface Water Elev.	D	B	L	W	Qu	W
			ft	T	H	S	tsf	%	%	ft	T	H	S	tsf	%	%
DUEB-2	275+70	25.00ft RT	740.60							732.1						
FILL - Dark brown and black clayey Topsoil 739.50																
FILL - Black and brown SANDY LOAM, some topsoil, moist A-4 737.60																
FILL - Black CLAY LOAM (topsoil), little gravel, moist A-4/A-6 735.10																
FILL - Black CLAY (topsoil), very moist A-7-6 732.50																
Medium dense gray SAND and GRAVEL, saturated A-1-a 730.10																
Stiff to very stiff brown CLAY LOAM, some gravel, moist A-6 727.80																
Very stiff to stiff brownish-gray CLAY, trace gravel, moist A-6 722.80																
(Sample disturbed by large gravel) 722.80																
Very stiff to hard brownish-gray CLAY, trace gravel, moist A-6 717.60																
Medium dense gray SAND trace gravel, saturated A-1-b 715.60																

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COUNTY Kane

Boring No.	Station	Offset	Surface Elev.	D	B	L	W	Qu	W	Surface Water Elev.	D	B	L	W	Qu	W
			ft	T	H	S	tsf	%	%	ft	T	H	S	tsf	%	%
DUEB-2	275+70	25.00ft RT	690.60													
Dense Gravel and Cobbles, saturated A-1-a 685.60																
Dense brown and gray fine to medium SAND, saturated A-1-b 678.80																
Medium dense brown and gray fine to medium SAND, trace gravel, saturated A-1-b 675.60																
End of Boring at 65.0'																

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DESIGNED	AJK
CHECKED	AAY
DRAWN	AYR
CHECKED	DMC

**benesch**  
Engineers • Surveyors • Planners  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-565-0450  
Job # 3944

SOIL BORING LOG 1 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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