

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	KANE	545	371
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract # 63074

SHEET SS- 22  
OF 22 SHEETS

STEB-4

ILLINOIS DEPARTMENT OF TRANSPORTATION  
Testing Service Corporation  
STRUCTURE BORING LOG

Page 1 of 2  
Date Started 6/7/04  
Date Completed 6/7/04

ROUTE F.A.P. 2503 DESCRIPTION IL Route 25/Stearns Road over E. Br. Brewster Creek

SECT. 98-00214-02-BR STRUCT. NO. 045-2033 DRILLED BY TSC L-60,393

COUNTY Kane LOCATION North End WB East Abutment S. 1-Ctr. TWP. 40 N., RNG. 8 E

Boring No.	Station	Offset	Surface Elev.	D	B	L	Qu	W	Surface Water Elev.	D	B	L	Qu	W
STEB-4	139+36	66.60 ft LT	737.22 ft	H	S	O	tsf	%		H	S	O	tsf	%
FILL - Brown and gray SANDY LOAM, little gravel.														
			736.42	6	8	8	1.4	11.9						
FILL - Brown and gray CLAY LOAM, some black clay, trace gravel, moist A-4/A-6														
			729.22	10	13	10	1.2	12.0						
Black ORGANIC CLAY, very moist A-7-6														
			729.22	6	8	8	1.9	66.1						
Medium dense brown SAND and GRAVEL, saturated A-1														
			724.22	9	8	8	1.9	9.3						
Very stiff to hard gray CLAY, trace gravel, moist A-6														
			719.22	6	6	6	3.7	14.9						
Very stiff to stiff gray CLAY, trace gravel, moist A-6														
			714.22	6	6	6	2.2	19.6						
Very stiff gray CLAY, trace gravel, moist A-6														
			714.22	4	10	12	1.5	21.6						
Very stiff gray CLAY, trace gravel, moist A-6														
			714.22	5	10	12	3.5	16.0						

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 6/7/04  
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STRUCTURE NO. 045-2033  
ROUTE F.A.P. 2503  
SECTION 98-00214-02-BR  
COUNTY Kane

Boring No.	Station	Offset	Elevation	D	B	L	Qu	W
STEB-4	139+36	66.60 ft LT	587.22 ft	H	S	O	tsf	%
Medium dense gray SILT, moist A-4								
			685.22	7	8	8	2.9	19.2
Medium dense gray SAND, trace gravel, saturated A-1-b								
			680.22	5	6	12		12.1
Very dense Cobbles and Boulders, (rock fragments recovered)								
			675.22	100/1"				
Very stiff gray SILTY CLAY LOAM, moist A-6								
			673.22	7	22	22	0.4	12.0
Very dense Boulder or Fractured Rock								
			672.22	6	49	49	15%	
Auger Refusal at 65.0'								
Diedrich D-120 Truck Rig (#282) CME Automatic Hammer 3.25" (83 mm) ID HSA								
			70	7	9	6	1.9	11.9
Medium dense gray clayey SILT, trace gravel, moist A-4								
			690.22	4	13	15		11.8
Medium dense gray SILT, moist A-4								

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	HMA/DMC

**benesch**

alfred benesch & company  
Engineers • Surveyors • Planners  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-565-6450  
Job # 3944

SOIL BORING LOG 2 OF 2  
IL 25/STEARNS ROAD OVER THE  
EAST BRANCH OF BREWSTER CREEK  
F.A.P. 2503 - SEC. 06-00214-15-BR  
KANE COUNTY  
STATION 138+59.20  
STRUCTURE NO. 045-2035

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11/23/28 AM

3/30/2009