

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	KANE	545	347
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET SD- 32
OF 34 SHEETS

Contract # 63074

DUEB-3

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 Pier No. 1 S. 1 - Cntr TWP. 40 N. RNG. 8 E.

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 2 of 2
Date Started 7/14/04
Date Completed 7/14/04
STRUCTURE NO. 045-2032
ROUTE F.A.P. 360
SECTION 98-00214-02-BR
COUNTY Kane

Boring No.	Station	Offset	Surface Water Elev.	Groundwater Elev.	when drilling	at Completion	Hrs	D	E	B	L	O	P	T	H	Qu	W
																tsf	%
DUEB-3	276+10	55.00ft LT	725.5														
Very dense gray SAND and GRAVEL, occasional Cobbles, wet A-1-a																	
Auger Refusal at 53.0'																	
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

DUEB-4

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 2
Date Started 7/13/04
Date Completed 7/13/04
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 East End Pier No. 1 S. 1 - Cntr TWP. 40 N. RNG. 8 E.

Boring No.	Station	Offset	Surface Water Elev.	Groundwater Elev.	when drilling	at Completion	Hrs	D	E	B	L	O	P	T	H	Qu	W
																tsf	%
DUEB-4	276+09	8.00ft RT	731.4	733.9													
FILL - Dark brown and gray CLAY LOAM, some black topsoil, very moist A-7-6																	
Black CLAY LOAM (topsoil), trace gravel, very moist A-7-6																	
Very stiff brown and gray CLAY LOAM, little gravel, moist A-6																	
Stiff to very stiff gray CLAY, trace gravel, moist A-6																	
Loose to medium dense gray fine SAND, saturated A-3																	
Soft gray SILTY CLAY LOAM, occasional silt seams, very moist A-4/A-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 7/13/04
Date Completed 7/13/04
STRUCTURE NO. 045-2032
ROUTE F.A.P. 360
SECTION 98-00214-02-BR
COUNTY Kane

Boring No.	Station	Offset	Surface Water Elev.	Groundwater Elev.	when drilling	at Completion	Hrs	D	E	B	L	O	P	T	H	Qu	W
																tsf	%
DUEB-4	276+09	8.00ft RT	686.92														
Very dense gray SAND and GRAVEL, occasional Cobbles and Boulders, wet A-1-a																	
(possible fractured and broken rock below 55')																	
Auger Refusal at 58.5'																	
CME 750 ATV Drill Rig (#275)																	
CME Automatic Hammer																	
3.25" (83 mm) ID HSA																	

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DESIGNED	AJK
CHECKED	AAY
DRAWN	AYR
CHECKED	DMC

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

SOIL BORING LOG 2 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