

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 2
Date Started 3/15/04
Date Completed 3/15/04

ROUTE F.A.U. 361 DESCRIPTION New Stearns Road Bridge over N. Arm Brewster Creek

SECT. 98-00214-02-BR STRUCT. NO. 045-3167 DRILLED BY TSGM-59.965

COUNTY Kane LOCATION North End WB West Abutment S. 2-SE 1/4, TWP. 40 N, RNG. 8 E

Boring No.	Station	Offset	Surface Elev.	DEPTH	BLOWS	Qu	W	Surface Water Elev.	Groundwater Elev. when drilling at Completion after 24 Hrs.	DEPTH	BLOWS	Qu	W
NSNA-3	589+34	46.00 ft LT	693.97 ft						691.0				
				4	P	1.25	46.4		691.0	7			16.6
			690.97	5					691.0	9			
				9		12.7			691.0	10			17.9
			688.47	7					691.0	12			
				4		12.1			691.0	9			8.4
			686.97	8					691.0	12			
				5	B	4.0	14.8		691.0	13			10.4
				8		15%			691.0	13			
			686.97	6	B	4.4	16.7		691.0	11			10.4
				9		15%			691.0	13			
			686.97	6	B	4.1	16.7		691.0	7			10.4
				10		15%			691.0	11			
			686.97	7	B	4.8	17.0		691.0	9			11.9
				9		15%			691.0	7			
			676.97	7	B	2.3	16.9		691.0	7			11.9
				10		15%			691.0	9			
			674.47	10		15%	16.0		691.0	9			
			673.47	6			17.2		691.0	7			
				7					691.0	9			
			670.97	6	B	18.4			691.0	9			14.6
				9		2.3	17.3		691.0	10			
			669.47	9		15%			691.0	10			
			669.97	25					691.0	10			

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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STRUCTURE NO. 045-3167 ROUTE F.A.U. 361 SECTION 98-00214-02-BR COUNTY Kane

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Boring No.	Station	Offset	Surface Elev.	DEPTH	BLOWS	Qu	W	Surface Water Elev.	Groundwater Elev. when drilling at Completion after 24 Hrs.	DEPTH	BLOWS	Qu	W
NSNA-3	589+34	46.00 ft LT	643.97 ft										
				19	B	7.4	10.2			23			
			641.97	23						26			
				15	B	10.4	10.6			20			
				25		15%				25			
			641.97	23	B	10.4	10.2			31			
				31		15%				38			
			641.97	25	B	11.3				31			11.3
				33		15%				33			
			641.97	30	B	10.4	10.0			33			
				33		15%				38			
			618.97	38						38			

Mobile B-57 Andco ATV Rig (#159)
CME Automatic Hammer
3.25" (83 mm) ID HSA

End of Boring at 75.0'

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

NSNA-3

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS

HLR

3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-05-0077-1 DATE: 09/20/07
DESIGNED: T.P.L. CHECKED: J.L.B. DRAWN: P.J.L.

BORING

SECTION 06-00214-08-BR
F.A.U. ROUTE 361 / NEW STEARNS ROAD
OVER THE NORTH ARM OF BREWSTER CREEK
KANE COUNTY

STRUCTURE NO. 045-3165 (W.B.) / STATION 590+18.15