

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 2
Date Started 3/15/04
Date Completed 3/16/04

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 TSCA-59985

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

Boring No.	Station	Offset	Surface Elev.	DEPTH	BLOW S	Qu tsf	W %	Surface Water Elev.	DEPTH	BLOW S	Qu tsf	W %
NSNA-1	588+38	31.00R RT	893.73 ft									
				4	4	0.5	37.2		7	7	5.1	16.7
				5	5				10	10	15%	
				6	6				12	12		
			690.73									
				7	7				8	8	4.8	18.4
				8	8				12	12	15%	
			688.23						12	12		
				9	9							
				10	10							
			685.73									
				11	11				8	8		
				12	12				10	10		
			683.23						10	10		
				13	13							
				14	14							
			680.73									
				15	15				11	11		
				16	16				12	12		
				17	17				10	10		
			678.23									
				18	18				11	11		
				19	19				12	12		
				20	20				10	10		
			675.73									
				21	21				9	9		
				22	22				12	12		
				23	23				14	14		
			673.23									
				24	24				9	9		
				25	25				12	12		
				26	26				14	14		
			670.73									
				27	27				9	9		
				28	28				12	12		
				29	29				14	14		
			668.23									
				30	30				9	9		
				31	31				12	12		
				32	32				14	14		
			665.73									

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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Page 2 of 2
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STRUCTURE NO. 045-3167 STRUCTURE NO. 045-3167

ROUTE F.A.U. 361 ROUTE F.A.U. 361


SECTION 98-00214-02-BR SECTION 98-00214-02-BR

COUNTY Kane COUNTY Kane

Boring No.	Station	Offset	Surface Elev.	DEPTH	BLOW S	Qu tsf	W %	Surface Water Elev.	DEPTH	BLOW S	Qu tsf	W %
NSNA-1	588+38	31.00R RT	643.73 ft									
				1	1				7	7		
				2	2				10	10		
				3	3				12	12		
			639.73									
				4	4				8	8		
				5	5				12	12		
			635.73									
				6	6				8	8		
				7	7				10	10		
			631.73									
				8	8				8	8		
				9	9				10	10		
			627.73									
				10	10				11	11		
				11	11				12	12		
				12	12				10	10		
			623.73									
				13	13				11	11		
				14	14				12	12		
				15	15				10	10		
			619.73									
				16	16				9	9		
				17	17				12	12		
				18	18				14	14		
			615.73									
				19	19				9	9		
				20	20				12	12		
				21	21				14	14		
			611.73									
				22	22				9	9		
				23	23				12	12		
				24	24				14	14		
			607.73									

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-1

 HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400	BORING SECTION 06-00214-08-BR F.A.U. ROUTE 361 / NEW STEARNS ROAD OVER THE NORTH ARM OF BREWSTER CREEK KANE COUNTY
	ELGIN • SPRINGFIELD PROJECT NUMBER: 12-05-0077-1 DATE: 09/20/07 DESIGNED: T.P.L. CHECKED: J.L.B. DRAWN: P.J.L.
	STRUCTURE NO. 045-3167 (E.B.) / STATION 590+50.50