

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	201
STA. 511+80.00		TO STA. 609+14.92		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
SHEET NO. S96 OF S108				

BORING NO. STFX-3

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

DATE STARTED 8/12/04
DATE COMPLETED 8/12/04
ROUTE F.A.U. 361 DESCRIPTION New Stearns Road over the Fox River
SECT. 98-00214-02-BR STRUCT. NO. 045-3166 DRILLED BY TSC L-60.939
COUNTY Kane LOCATION North End Pier 2 S. 2 - SW 1/4, TWP. 40 N, RNG. 8 E

Boring No.	STATION	DEPTH	BLOW COUNT	BLU (ft)	QU (tsf)	W (%)	DESCRIPTION	ELEVATION (ft)	DEPTH	BLOW COUNT	BLU (ft)	QU (tsf)	W (%)
STFX-3	568+53	26.00R LT											
			4	P					8	11		10.8	
			8	4.5+	10.9		Medium dense to dense brownish-gray silty fine SAND, trace gravel, saturated		10	14		11.0	
			5	P	9.9		A-1-b	696.01					
			8	4.5+					10	16			
			5		2.3		Medium dense brown SAND, some gravel, damp	669.51					
			10						10	14		13.4	
			8		3.7		Medium dense brownish-gray silty SAND and GRAVEL, saturated		10	6			
			11				A-1-b	691.01					
			9		3.7		Dense brown SAND and GRAVEL, damp	684.51					
			16						11	13		9.2	
			43	B	6.9		Medium dense gray SAND and GRAVEL, occasional silt seams, saturated		11	15			
			16	6.6	13.7		A-1-a	687.01					
			14	15%					7	8.2		15.5	
			12	15%			Hard brownish-gray CLAY, trace gravel, moist	659.51					
			7	B					20	30		12.0	
			12	8.2	15.5		A-6	662.01					
			13	10%	11.3		Very dense gray SAND, trace to little gravel, saturated		20	36			
			9	S	17.0		A-1-b	660.01					
			12	2.3	11.3				7	14		11.2	
			13	10%			Medium dense brown SAND and GRAVEL, occasional Cobbles, (rock fragments recovered), saturated	654.51					
			11		9.1				12	6.1		12.4	
			12				Medium dense gray silty fine SAND, saturated	678.51					
			7		12.6		A-2-4/A-4	676.51					
			11				Dense gray SAND and GRAVEL, saturated		12	28			
			15				A-1-a		12	17		7.4	
			7				Hard brown and gray CLAY, trace gravel, moist	629.51					
			11	B			A-6		12	6.1			
			15	15%					12	28			
			12	B					12	17			
			7						12	15%			

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

BORING NO. STFX-3

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

DATE STARTED 8/12/04
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COUNTY Kane LOCATION North End Pier 2 S. 2 - SW 1/4, TWP. 40 N, RNG. 8 E

Boring No.	STATION	DEPTH	BLOW COUNT	BLU (ft)	QU (tsf)	W (%)	DESCRIPTION	ELEVATION (ft)	DEPTH	BLOW COUNT	BLU (ft)	QU (tsf)	W (%)
STFX-3	568+53	26.00R LT											
								626.51					
			19	B	9.1		Hard brown and gray CLAY, trace gravel, moist		19	27		5.4	12.0
			24	5.4			A-6		19	49			
			23										
			19				Dense gray SAND and GRAVEL, saturated	621.51					
			17				A-1-a						
			11		7.7		End of Boring at 80.0'						
			17				CME 850 Track ATV Drill Rig (#127) CME Automatic Hammer						
			7	B					7	17		14.0	
			10	3.5			Very stiff brown and gray CLAY, trace gravel, moist		7	20		11.2	
			17	15%			A-6		14	3.5			
			7	B					7	17			
			14	3.5	11.2				14	20		15%	
			20	15%					7	15%			
			7						12	B			
			12	6.1	12.4		Hard brown and gray CLAY, trace gravel, moist		12	6.1			
			28	15%			A-6		12	17			
			12	B					12	17			
			7						12	15%			

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOG VI
STEARNS ROAD OVER THE FOX RIVER PUBLIC
STRUCTURE NUMBER 045-3166 WATERS
KANE COUNTY FAP 361 SECTION 06-00214-20-BR
STATION 571+42.96 DESIGNED: WEI DRAWN: SGW
DATE: JANUARY 16, 2009 CHECKED: WEI CHECKED: DFM



h:\3005\3.0 phase 11 deliverables\3.3 structure\drawings\Final\045-3166 Boring Log 6.dgn 1/15/2009