

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	200
STA. 511+80.00		TO STA. 609+14.92		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
SHEET NO. S95 OF S108				

BORING NO. STFX-2

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG
Page 1 of 2
Date Started 8/13/04
Date Completed 8/13/04
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-60.393
COUNTY Kane LOCATION South End Pier 1 S. 2 - SW 1/4 , TWP. 40 N , RNG. 8 E

Boring No.	Station	Offset	Surface Elev.	DEPTH	BLOW	Qu	W	Surface Water Elev.	Groundwater Elev. when drilling	Groundwater Elev. at Completion	DEPTH	BLOW	Qu	W
STFX-2	586+94	31.00R RT	706.06 ft						685.1	690.1				
Black clayey Topsoil				705.56										
Medium dense brown SAND and GRAVEL, damp					4		3.9	Medium dense brown SAND, some gravel, saturated				7		10.8
(possible fill)					10			A-1-b				9		
Hard brown and gray CLAY, trace gravel, moist					6		3.8	Medium dense gray SAND and GRAVEL, saturated				5		6.8
A-6					7			A-1-a				6		
Very stiff gray SANDY LOAM, trace gravel, moist					10			Stiff brown and gray CLAY LOAM, trace gravel, moist				10		12.0
A-4/A-6					11		16.4	A-4				11		
Medium dense gray SAND, some gravel, moist					17		4.4	Loose to medium dense gray fine to medium SAND, little gravel, saturated				17		20.2
A-1-b					18		14.1	A-1-b				18		
Loose brownish-gray SANDY LOAM, trace gravel, very moist					12		13.6	Dense gray SAND and GRAVEL, occasional Cobbles, (rock fragments recovered), saturated				12		9.0
A-2-4					14			A-1-a				14		

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-2

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG
Page 2 of 2
Date Started 8/13/04
Date Completed 8/13/04
STRUCTURE NO. 045-3166 ROUTE F.A.U. 361
SECTION 98-00214-02-BR COUNTY Kane

Boring No.	Station	Offset	Surface Elev.	DEPTH	BLOW	Qu	W	Surface Water Elev.	Groundwater Elev. when drilling	Groundwater Elev. at Completion	DEPTH	BLOW	Qu	W
STFX-2	586+94	31.00R RT	656.06 ft											
Dense gray SAND and GRAVEL, occasional Cobbles, saturated								Very dense gray SAND and GRAVEL, occasional Cobbles, saturated						
A-1-a								A-1-a						
Very dense Cobbles and Boulders, some sand and gravel, saturated								Hard brown and gray CLAY LOAM, trace gravel, moist						
A-1-a								A-6						
End of Boring at 80.0'								CME 850 Track ATV Drill Rig (#127)						
CME Automatic Hammer								3.25" (83 mm) ID HSA						
Dense to very dense gray SAND and GRAVEL, occasional Cobbles, saturated								Dense to very dense gray SAND and GRAVEL, occasional Cobbles, saturated						
A-1-a								A-1-a						

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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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOG V
STEARNS ROAD OVER THE FOX RIVER PUBLIC WATERS
STRUCTURE NUMBER 045-3166
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