

BORING #1 (1971)

Boring No. 1 PIER 1 Station 1022+78 Offset 40' LT. C		Surface Water El.	Groundwater El. at Completion	After - Hours	Elevation	N	Ch./A.L.	v (%)
Ground Surface	528.9 0							
SOFT, VERY DAMP, BROWN, SILTY CLAY LOAM TO SILTY CLAY	5	0.3	31					
SOFT, VERY DAMP, BROWN, LOAM TO CLAY LOAM WITH THIN LENSES OF FINE SAND	5	0.3	17					
LOOSE, MOIST, BROWN-GREY, SAND WATER ENCOUNTERED AT ELEVATION 517.9	5		8					
EXTENT OF EXPLORATION								
LOOSE, WET, BROWN, SAND	5		22					
	5		21					
	6		21					
	8		22					
	12		20					

BORING #2 (1971)

Boring No. 2 PIER 1 Station 1010+71 Offset 6' LT. C		Surface Water El.	Groundwater El. at Completion	After - Hours	Elevation	N	Ch./A.L.	v (%)
Ground Surface	524.3 0							
VERY DENSE, DRY, GREY, SHALE WITH THIN LENSES OF HARD LIMY SANDSTONE	3	0.2	32					
UNABLE TO AUGER BEYOND ELEVATION 499.3. UNABLE TO SEAT SAMPLER AFTER 50 BLOWS	10	0.2	20					
LOOSE, VERY DAMP, BROWN-GREY, FINE SAND	5		19					
VERY LOOSE, WET, BROWN-GREY, FINE SAND WITH THIN LENSES OF SOFT WET CLAY TO CLAY LOAM	1		20					
SOFT, WET, BROWN, CLAY TO CLAY LOAM WITH THIN LENSES OF SAND	5	0.3	26					
VERY LOOSE, WATER BEARING, BROWN-GREY, SAND WATER ENCOUNTERED AT ELEVATION 511.3	4		20					
LOOSE, WET, BROWN-GREY, SAND WITH GRAVEL PARTICLES AND A FEW THIN WET LENSES OF CLAY LOAM	8		16					
	6		19					
VERY DENSE, MOIST, GREY, SHALE WITH VERY THIN LENSES OF HARD LIMY SANDSTONE	8		8					

BORING #3 (1971)

Boring No. 3 PIER 2 Station 1017+07 Offset 6' WE. C		Surface Water El.	Groundwater El. at Completion	After - Hours	Elevation	N	Ch./A.L.	v (%)
Ground Surface	526.3 0							
SOFT, WET, BROWN, LOAM TO CLAY LOAM	3	0.2	31					
SOFT, WET, BROWN, SILTY CLAY LOAM TO CLAY LOAM WITH VERY THIN LENSES OF SAND	6	0.3	18					
VERY LOOSE, WET, BROWN CHANGING TO DARK GREY WITH DEPTH. SAND TO SANDY LOAM	2		26					
WOOD PARTICLES PRESENT INTERMITTENTLY.								
WATER ENCOUNTERED AT ELEVATION 515.8								
	1		21					
	1		22					
	1		25					
	1		22					
	3		24					

BORING #4 (1971)

Boring No. 4 PIER 1 Station 1009+80 Offset 6.5' RT. C		Surface Water El.	Groundwater El. at Completion	After - Hours	Elevation	N	Ch./A.L.	v (%)
Ground Surface	538.9 0							
EXISTING PAVEMENT, SUB-BASE AND STIFF, DAMP, BROWN, CLAY SUBGRADE	3		25					
VERY STIFF, VERY MOIST TO DAMP, BROWN-GREY, CLAY TILL (EXISTING BRAMMINGTON)	12	2.8	9					
SOFT, WET, DARK GREY, CLAY	3		31					
LOOSE, DAMP, BROWN-GREY, SAND WITH GRAVEL PARTICLES	11	2.2	15					
MEDIUM, VERY DAMP, DARK GREY, SLIGHTLY ORGANIC, CLAY	18	4.0	9					
VERY DENSE, MOIST TO DRY, GREY SHALE WITH THIN LENSES OF LIMY SANDSTONE	15	3.5	13					
LOOSE, DAMP, DARK GREY, CLAY LOAM WITH THIN LENSES OF CLAY	9		14					
MEDIUM, DAMP, DARK GREY, CLAY LOAM WITH LENSES OF VERY DAMP SANDY LOAM TO SAND	7	0.7	24					
LOOSE (SOFT) VERY DAMP, DARK GREY, SANDY LOAM WITH VERY THIN LENSES OF CLAY	5	0.3	24					
VERY LOOSE, WET, BROWN FINE SAND	5		21					

■ - Standard Penetration Test - Blows per foot to drive 2" Ch. 2 Split Spoon Sampler 10" DIA. 140# hammer falling 30"

□ - Unconfined Compressive Strength - 1/d
w - Water Content - percentage of oven dry weight - %

Type failure:
B - Bridge Failure
S - Slender Failure
E - Estimated Value
P - Piezometer

SHEET TITLE		BORING LOGS	
PROJECT	IL RTE. 32/33 OVER LITTLE WABASH RIVER	PROJECT NO.	02017
	F.A.P. RTE. 774 SECTION 107BY	SCALE	
	EFFINGHAM COUNTY	DATE	
	STATION 1011+50.17	DRAWN BY	CFC
	STRUCTURE NO. 025-0078	CHECKED BY	GJB/MCB
COOMBE-BLOXDORF P.C.		29	
Engineers / Land Surveyors		OF 29 SHEETS	
Springfield, Illinois			
Design Firm License No. 184-002703			