



Illinois Department of Transportation
Division of Highways
ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG

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Date 7/6/05

ROUTE FAI 55 DESCRIPTION NB I-55 over Kankakee River LOGGED BY J. Stewart
SECTION 88(B & B1)BR LOCATION SW, SEC. 10, TWP. 33, RNG. 9, 3rd PM
COUNTY WILL DRILLING METHOD CME 750, 3.25 ID H.S.A. HAMMER TYPE CME Automatic

STRUCT. NO.	DEPTHS	BULGE	UCS	MOISTURE	DESCRIPTION	DEPTHS	BULGE	UCS	MOISTURE
Station	(ft)	(%)	(tsf)	(%)		(ft)	(%)	(tsf)	(%)
089-0001					Surface Water Elev. 507.86 ft				
					Stream Bed Elev. 508.78 ft				
B-1					Groundwater Elev.:				
21+03					First Encounter 505.7 ft				
5.00ft Rt NB I-55 Edge Lane Line					Upon Completion				
528.70					After				
8" Reinforced Concrete	528.03				Medium Stiff to Stiff mottled Gray/Black SILTY CLAY LOAM	7			14
Augured through fine GRAVEL (Fill)	528.70			13	(continued) Grades with Weathered LIMESTONE Fragments	47			
Very Stiff Gray SILTY CLAY w/ trace fine gravel	525.70	2	2.5 P	9		3			25
Loose to Medium Dense fine SAND and GRAVEL (Fill)		4		7	Probable LIMESTONE Bedrock (rotary wash drill with tricone roller bit.)	100/4.5			
		5							
		4							
		7		8					
		6							
		5							
		5		6	Note: Stationing changed from Previous Construction				
		3			End of Boring				
Soft Gray SILTY CLAY LOAM	619.20								
		2		14					
		2							
		2							
Soft Brown SILTY CLAY LOAM with occasional shale fragments	516.70								
		1		17					
		1							
		9							
Grades w/ trace GRAVEL		0		10					
		1							
		5							
Limestone Cobble @ 17.5 feet	510.70			17					
Medium Stiff to Stiff mottled Gray/Black SILTY CLAY LOAM		18	1.0 P	15					
		8							

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

PLT DATE = 6/25/05
FILE NAME = 089-0001-ep1-19-borings.dgn
PLOT SCALE = 0.2500 1" = 10'
USER NAME = JML

ILLINOIS DEPARTMENT OF TRANSPORTATION	
SHEET TITLE	
BORING LOG	
PROJECT	PROJECT NO.
I-55 NB OVER KANKAKEE RIVER	03095-16
FAI ROUTE 55, SECTION 88(B&B-1)BR	SCALE
WILL COUNTY	06/25/09
SN 099-0001	DRAWN BY
	CFC
	CHECKED BY
	MCB/KPS
	DRAWING NO.
COOMBE-BLOXDORF P.C.	19
Engineers / Land Surveyors	OF 19 SHTS
Springfield, Illinois	
Design Firm License No. 184-002703	