



SOIL BORING LOG

Page 1 of 2
Date 10/19/71

ROUTE FAI 55 (I-55) DESCRIPTION FAI-55 over New York Central R.R. LOGGED BY J. Safranski
SECTION 53-1VB LOCATION NW 1/4, SEC. 5, TWP. 30N, RNG. 7E
COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	DEPTH (ft)	BLOW COUNT (blows/ft)	UNCONF. COMP. STRENGTH (tsf)	FAILURE MODE	DEPTH (ft)	BLOW COUNT (blows/ft)	UNCONF. COMP. STRENGTH (tsf)	FAILURE MODE
053-0144	270+32	7 SBL	270+32	76.00ft Lt.	641.8								
						0							
						11	2.4	18.0	S				
						16	5.9	18.3	S				
						17	5.7	18.4	S				
						14	4.6	18.1	B				
						9	2.9	19.9	B				
						8	2.9	21.0	B				
						9	3.3	18.6	B				

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)



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053-0144	270+32	7 SBL	270+32	76.00ft Lt.	641.8								
						9	3.1	21.6	B				
						15	4.5	14.0	B				
						14	4.5	14.0	B				
						15	3.6	16.0	B				
						12	3.6	17.0	B				
						12	3.6	16.0	B				
						9	2.6	18.0	B				
						8	2.6	17.0	B				
						12	3.7	21.6	B				

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053-0145	270+32	8 NBL	271+12	52.00ft Lt.	841.5								
						7	1.8	18	B				
						7	2.2	23	B				
						9	4.5	21	S				
						7	2.4	28	B				
						9	5.9	14	B				
						12	5.9	14	B				
						10	2.9	12	B				
						10	2.9	16	B				
						8	2.6	20	B				
						12	3.3	18	S				

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BORING LOGS
STRUCTURE NO. 053-0187 (NB)
STRUCTURE NO. 053-0186 (SB)

CB Coombe-Bloxdorf P.C. -CIVIL ENGINEERS- -STRUCTURAL ENGINEERS- -LAND SURVEYORS- Design Firm License No. 184-002703	PROJECT NO. 05004-10	SHEET NO. 40 42 SHEETS	F.A.I. RTE. 55	SECTION (53-1) HBR & HBR-1	COUNTY LIVINGSTON	TOTAL SHEETS 102	SHEET NO. 59
	DATE 8/10/70 DESIGN BY GB/MCB DRAWN BY MML CHECKED BY MCB		CONTRACT NO. 66856		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

FILE NAME = 0503086.087-66856-40-bor-log.dgn
PLOT SCALE = 0.125" = 1' 7 1/8"
USER NAME = DFL