STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
IDOT - Region 3/Dist 5

SOIL BORING LOG

Date 11/12/57

ROUTE F.A.I Rt. 55 DESCRIPTION FAI 55 Structure over FAI 74 (I-55 Bus. Loop) LOGGED BY District 3

SECTION (57-7HB-2 & 57-7HB-1)BR LOCATION NE, SEC. 19, TWP. 23N, RNG. 2E, 3rd PM

COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 057-0004 Exist.
Station 644+38.15

BORING NO. 1 N. Abut.
Station 643+32
Offset 17.5 ft Lt.
Ground Surface Elev. 777.6 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After 24 Hrs. 760.6 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
776.6				Black Loam
	5			Stiff Brown Silty Clay
	8			
774.6				Stiff Yellow and Brown Silty Clay
773.1	6			
-5	8			Yellow and Brown Clayey Silt (Damp)
	5	1.0		
	5			
-10	7	1.0		
	8			
766.1				Very Stiff Brown-Yellow Silty Clay (Some Small Gravel)
	10	1.5		
	13			
764.1				Very Stiff Gray Silt (Damp)
-15	13	1.0		
	15			
▽	12	1.0		
	15			
758.1	14	2.1		
-20	14			
	14	2.3		Very Stiff Gray Silty Clay -Trace of Medium Gravel (Damp) *(continued)*
	17			
-25	16			
	19			Coarse Green Sand - Trace of Small Gravel (Damp)
	17			
	21			
-30	18			
	20			
744.6				Fine Gray Sand (Damp)
	28			
	44			
-35	25			
	25			
739.6				Medium Coarse Green Sand - Trace of Small Gravel (Damp)
-40	24			
	33			
	47			
	53			

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An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

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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First Encounter ft
Upon Completion ft
After 24 Hrs. 760.6 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				Medium Coarse Green Sand - Trace of Small Gravel (Damp) *(continued)*
	55			
735.1	72			
				End of Boring
-45				
-50				
-55				
-60				

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BBS, from 137 (Rev. 8-99)

SOIL BORING DATA (1 OF 3)
STRUCTURE NO. 057-0249

LIN ENGINEERING,LTD.
Consulting Engineers
Chatham, Illinois

Designed By: RH | Checked By: MTH | Drawn By: RH
Date: April, 2010 | File: 057-0249.dgn

SHEET NO. 24
26 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(57-7HB-2)BR	MCLEAN	153	101
		CONTRACT NO. 70520		
	ILLINOIS	FED. AID PROJECT		