

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



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

SOIL BORING LOG

Page 1 of 1

Date 11/10/57

ROUTE FAI Rt. 55 (I-55) DESCRIPTION FAI 55 Structure over FAI 74EB LOGGED BY District 3

SECTION (57-7HB-2 & 57-7HB-1)BR LOCATION SE, SEC. 18, TWP. 23N, RNG. 2E, 3rd PM

COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 057-0005 Exist.
Station 626+53.53
BORING NO. 3 S. Pier
Station 627+30.5
Offset 14.6 ft Lt.
Ground Surface Elev. 786.7 ft

DEPTH (ft)	DESCRIPTION	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)
(ft)	(/6")	(tst)	(%)	(ft)	(/6")	(tst)	(%)
				Surface Water Elev.			
				Stream Bed Elev.			
				Groundwater Elev.:			
				First Encounter			
				Upon Completion			
				After 24 Hrs.	777.7		
				Black Loam			
				Stiff Brown Silty Clay (Damp)			
				(continued)			
				785.7			
				Medium Brown Sand - Clay			
				Binder (Damp)			
				783.7			
				Stiff Brown Silty Clay (Damp)			
				Very Stiff Gray Silty Clay - Trace			
				of Small Gravel (Damp)			
				783.7			
				Medium Brown Sand - Trace of			
				Small Gravel (Damp)			
				781.8			
				Hard Gray Silty Clay - Trace of			
				Small Gravel (Damp)			
				781.8			
				Medium Brown Sand - Trace of			
				Small Gravel (Damp)			
				781.8			
				Hard Gray Silty Clay - Trace of			
				Small Gravel (Damp)			
				781.8			
				Medium Brown Sand - Trace of			
				Small Gravel (Damp)			
				781.8			
				Stiff Brown Silty Clay			
				777.8			
				Medium Brown Sand - Trace of			
				Small Gravel (Damp)			
				770.8			
				End of Boring			
				754.2			
				Medium Brown Sand - Clay			
				Binder (Damp)			
				774.7			
				Stiff Brown Silty Clay (Damp)			
				770.7			
				Medium Brown Sand - Clay			
				Binder (Damp)			
				774.7			
				Stiff Brown Silty Clay (Damp)			
				770.7			
				Medium Brown Sand - Clay			
				Binder (Damp)			
				774.7			
				Stiff Brown Silty Clay (Damp)			
				770.7			
				Medium Brown Sand - Clay			
				Binder (Damp)			
				774.7			
				Stiff Brown Silty Clay (Damp)			
				770.7			

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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SECTION (57-7HB-2 & 57-7HB-1)BR LOCATION SE, SEC. 18, TWP. 23N, RNG. 2E, 3rd PM

COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 057-0005 Exist.
Station 626+53.53
BORING NO. 4 S. Abut.
Station 627+40
Offset 14.6 ft Rt.
Ground Surface Elev. 786.8 ft

DEPTH (ft)	DESCRIPTION	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)
(ft)	(/6")	(tst)	(%)	(ft)	(/6")	(tst)	(%)
				Surface Water Elev.			
				Stream Bed Elev.			
				Groundwater Elev.:			
				First Encounter			
				Upon Completion			
				After 24 Hrs.	780.8		
				Black Loam			
				Medium Brown Sand - Trace of			
				Small Gravel (Damp)			
				(continued)			
				785.8			
				Stiff Gray Silty Clay - Trace of			
				Small Gravel (Damp)			
				784.8			
				Very Stiff to Stiff Brown Silty Clay			
				(Damp)			
				784.8			
				Medium Brown Sand - Trace of			
				Small Gravel (Damp)			
				781.8			
				Hard Gray Silty Clay - Trace of			
				Small Gravel (Damp)			
				781.8			
				Medium Brown Sand - Trace of			
				Small Gravel (Damp)			
				781.8			
				Hard Gray Silty Clay - Trace of			
				Small Gravel (Damp)			
				781.8			
				Medium Brown Sand - Trace of			
				Small Gravel (Damp)			
				781.8			
				Stiff Brown Silty Clay			
				772.8			
				Medium Brown Sand - Trace of			
				Small Gravel (Damp)			
				770.8			
				End of Boring			
				749.3			

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)



Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

DESIGNED: IDOT-D5 DRAWN: SJS
CHECKED: DCD CHECKED: DCD

SOIL BORINGS (2 OF 2)
STRUCTURE NO. 057-0250

SHEET 27 OF 27	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	(57-7HB-1)BR	MCLEAN	153	77
		STA. 626+53.70	CONTRACT NO.	70520	
		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

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