Illinois Department of Transportation
Division of Highways
ILLINOIS DEPARTMENT OF TRASPORTATION

SOIL BORING LOG

Page 1 of 1

Date 10/7/10

ROUTE IL 23 (FAP 68) DESCRIPTION Intersection of IL 23 & Locust Street in Dekalb LOGGED BY Larry Myers

SECTION (28)N, TS & I LOCATION NW 1/4, SEC. 23, TWP. 40N, RNG. 4E

COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. 1 (S.E. Quad.)
Station 37+55
Offset 67.00ft Lt.
Ground Surface Elev. 877.59 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion Dry ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered Bituminous Pavement, Gravel, Black & Brown Silty Clay Loam Fill					
	875.09				
Stiff Black & Brown Silty Clay/Silty Clay Loam Fill			3 2 3	1.5 P	29.6
	873.59				
Stiff to Very Stiff Brown Silty Loam/Silty Clay Loam Till		-5	3 2 3	1.5 P	15.3
			3 5 5	2.8 S	13.5
	867.59	-10			
Very Stiff Brownish Gray Silty Clay Loam Till			3 5 5	2.7 B	11.1
			3 4 5	3.0 B	10.1
		-15	3 4 5	2.7 B	12.3
	861.09				
End of Boring		-20			

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)

FILE NAME = D366983-SHT-TS-SOILBORING-RT23-LOCUST.DGN	USER NAME = --	DESIGNED - DJD	REVISED - ___	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL SOIL BORING PLAN FAP 68 (IL 23)/FOURTH STREET AND LOCUST STREET	F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120 / SHEET NO. 72
		DRAWN - ARR	REVISED - ___					CONTRACT NO. 66983	
	PLOT SCALE = 1" = 20'	CHECKED - DJD	REVISED - ___		SCALE: 1" = 20' / SHEET NO. __ OF ___ SHEETS / STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 01/11	DATE - 01/11	REVISED - ___						