SOIL BORINGS
SN 6C084I055R096.5

Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 10-14-2010

ROUTE FAI 55 DESCRIPTION Overhead Sign Structure LOGGED BY BJS

SECTION D6 Overhead Sign Repl LOCATION NB I-55 At Exit 96B (IL 29)

COUNTY Sangamon STRUCTURE NO. 6C084I055R096.5 (Exist) _____ (Prop.) _____

BORING NO. 6C084I055R096.5 DRILLING METHOD HSA HAMMER TYPE 140 lb Automatic

Station 276+59
Offset 31 ft RT of EOP
Ground Surface Elev. 587.24 (ft.)

Surface Water Elev. n/a (ft.)
Groundwater Elev.
First Encounter 567.24 (ft.)
Upon Completion 567.24 (ft.)
After 120 Hrs. 576.24 (ft.)

SOIL DESCRIPTION	ELEV (ft.)	DEPTH (ft.)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Topsoil (2")					
Fill: Yellow Brown, Moist, Clay, Silty, Sandy		2.5			
Fill: Brown mottled Yellow Brown, Silty		5	7 9 10	6.84 B	19.2
Fill: Yellow Brown mottled Brown, Silty	580.24	7.5	4 5 7	3.27 B	24.2
Yellow Brown mottled Light Gray, Moist, Silty Clay, Trace Roots		10	2 2 3	0.98 B	27.9
Yellow Brown mottled Light Brown and Light Gray	575.24	12.5	2 4 4	1.24 B	23.7
Yellow Brown mottled Light Brown, Moist, Clay, Silty		15	2 4 4	1.69 B	23.3
Yellow Brown mottled Light Gray, Silty, with Silty Clay Seams, Trace Sand		17.5	3 4 4	2.28 B	23.2

SOIL DESCRIPTION	ELEV (ft.)	DEPTH (ft.)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Silty and Sandy, with Seams of Clay Loam and Sandy Clay	567.74	20	2 2 3	0.78 B	19.8
Yellow Brown mottled Light Gray, Moist, Seams of Clay, Clay Loam, and Silty Clay Loam	565.24	22.5	3 3 6	0.62 B	20.5
Yellow Brown mottled Gray, Dry, Silty Loam, with Sand		25	18 66 50/1"		13.1
Light Gray mottled Light Brown, Trace Sand		27.5	20 36 52		10.1
Gray, Trace Sand	559.54		52 100/2"		8.0
End of Boring @ 27.7 Ft.					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer).
The Standard Penetration Test (SPT) N Value is per (AASHTO T206)

BBS 137 (9/05)

FILE NAME = S:\Sign Truss Plan Details\46196\46196SignRepl.dgn	USER NAME = kelleyjb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS	F.A. RTE.	SECTION	COUNTY
		DRAWN -	REVISED -			VAR	D-6 OVDSINSTRBEEL12-23	SANGAMON
	PLOT SCALE = 0.1000 ft. / in.	CHECKED -	REVISED -					CONTRACT NO. 46196
	PLOT DATE = Sep-30-2011 10:38:55AM	DATE -	REVISED -		SCALE: _____ SHEET NO. __ OF __ SHEETS STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT	

TOTAL SHEETS	SHEET NO.
33	29