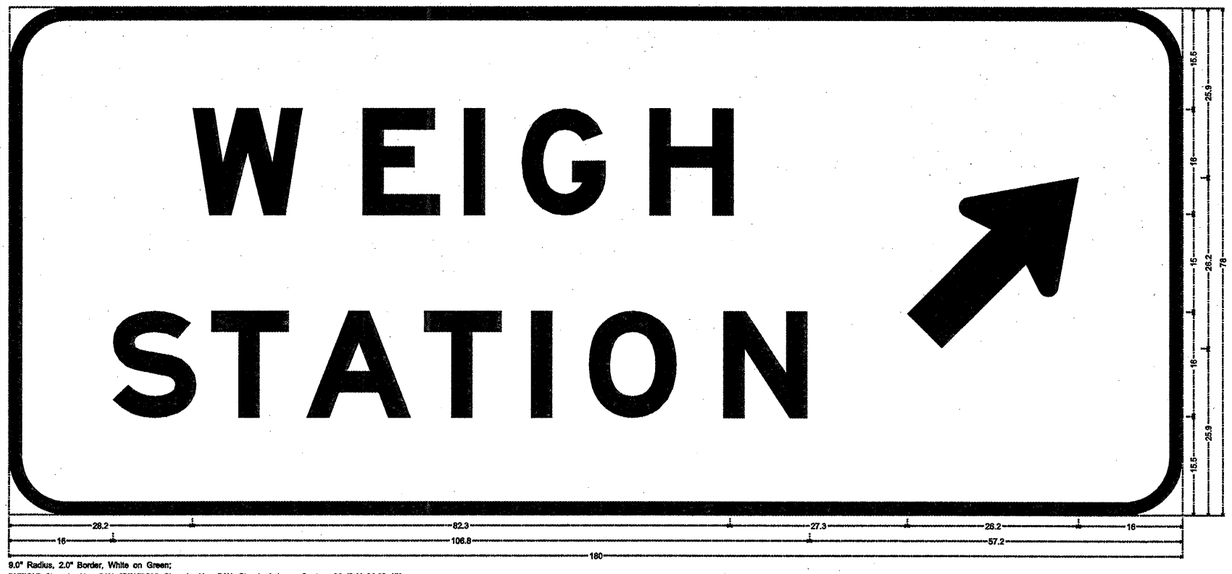
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAI Routes 55 & 72
D6 OVD SIN STR REPL 2009-11
Sangamon County
Sheet 31 of 32
Contract Number 46010



9.0" Radius, 2.0" Border, White on Green;
[WEIGH] ClearviewHwy-5-W; [STATION] ClearviewHwy-5-W; Standard Arrow Custom 33.4" X 20.3" 45";

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

- 20

EXAMINED
ENGINEER OF BRIDGE DESIGN

PASSED
ENGINEER OF BRIDGES AND STRUCTURES

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 3/25/08

ROUTE FAI-55 DESCRIPTION Williamsville Weigh Station Cantilever Overhead Sign Replacement LOGGED BY M. Tappan

SECTION NA LOCATION NW 1/4, SEC. 17, TWP. 17 N, RNG. 4 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 6C084I055L107.2
Station

BORING NO. 1
Station 0+23 (Ramp)
Offset 27.0ft RT
Ground Surface Elev. 589.2 ft

Surface Water Elev. NA ft
Stream Bed Elev. ft

Groundwater Elev.:
▽ First Encounter 577.7 ft
▽ Upon Completion Washed ft
▽ After 7 Days Hrs. 586.2 ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Light Grey and Tan Moist SILT LOAM (Fill) to Very Dark Grey Moist SILTLY CLAY (Fill)			0		
			1	0.8	23
			3	B	
	▽ 585.70				
Brown and Grey Moist SILTY CLAY			1		
		-5	3	1.7	28
			4	B	
	583.70				
Light Brown and Grey Moist SILT			1		
			2	0.7	26
			3	B	
			1		
Grey and Tan Very Moist			2	1.1	25
		-10	3	S-14	
			0		
Free Water	▽		2	1.0	29
			2	B	
	576.20				
Dark Greyish Brown Very Moist SILTY CLAY LOAM with Some Organics WOH			0		
			0	0.5	31
		-15	0	B	
	573.70				
Grey Very Moist LOAM			0		
			2	0.7	22
			2	B	
			0		
			1	0.8	17
		-20	1	B	

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Grey Very Moist LOAM *(continued)*					
	568.20				
Grey Wed Medium Dirty SAND			1		
			6		
			7		
			0		
Clean Sand			3		
		-25	4		
			0		
Fine to Medium Sand			4		
			5		
	560.20		1		
Grey Very Moist SILTY CLAY LOAM with Grey Moist Varved Silt Seams Washed			2	1.0	26
		-30	3	B	
			0		
Washed			2	1.2	26
			2	B	
	556.20				
Grey Very Moist SILTY CLAY			1		
			2	1.1	32
	554.20	-35	2	B	
Boring Completed					
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
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 S:\SOILS\GINT FILES\SANGAMON\WILLIAMSVILLE WEIGH STATION CANTILEVER SIGN.GPJ Data Template DOTEMPLT.GDT Date Printed 4/7/08
Latitude 39°56.0691 Longitude 89°34.077W Datum NAD83 Job Number D-6 Operations