F.A.I. RTE. SECTION 57/64 (41~3)HBK JEFFERSON 518 268 STA. TO STA.

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

ILLINOIS DEPARTMENT OF TRANSPORTATION District Nine Materials

Bridge Foundation Boring Log

Sign Truss Soil Borings Over FAI 57 Sheet 1 of 1 Route: FAI 57/64 11/20/2006 Date: Structure Number: Bored By: Bryan Keller Section (41-3) HBK Checked By: Rob Graeff Location

County: Jefferson Surf Wat Elev: Boring No 1-S Ground Water Elevation L O W L O W Station 702+50 Offset 3' Lt. when Drilling_ Qu tsf Qu tsf At Completion Ground Surface W% Very stiff, moist, brown, Silty Clay A7-6 values multiply by 1.25. 13 2.48 Stiff, moist, brown, Silty 1.98 Clay A-6 Hard, damp, brown, Silty 7.18 Clay A7-6 20 Very stiff, moist to damp, brown mottled grey, Silty Clay A7-6 3.0\$ 100/7" Hard, dry, brown, Sandstone 100/4" Hard, dry, grey, Clay Shale Bottom of hole = 20.0 ft No free water observed. Elevation referenced to CL Sta 702+50 NB. Assume Ele = 100.0 ft

N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

To convert "N" values to "N60"

ILLINOIS DEPARTMENT OF TRANSPORTATION

Sign Truss Soil Borings Over FAI 57

Bridge Foundation District Nine Materials

Boring Log

Sheet 1 of 1

Route: FAI 57/64 St	ructur	e Numbe	er:				Date	:1	1/20/2	006
Section (41-3) HBK						Bored By: Bryan Keller				
County: Jefferson	Location:					Checked By: Rob Graeff				
Boring No 2-S Station 704+40 Offset 4' Rt.	D E P T	B L O W	Qu	-	Surf Wat Elev: Ground Water Elevation when Drilling At Completion		D E P T	B L O W	Qu	
Ground Surface 99.0Ft		1	tsf	W%	At: Hrs:		Н		tsf	W%
Very stiff, moist, brown, Silty Clay A7-6		2								
		5 6	3.98	18						
94.5 Very stiff, very moist, brown mottled grey, Silty Clay to Clay A7-6	5.0	2 3 5	2.5B	20			30.0			
92.0 Stiff, very moist, brown mottled		1				_				
grey, Silty Clay to Clay A7-6		4 5	1.8B	24		_	-			
89.5						_				
Very stiff, moist, brown, Silty Clay A-6 with Gravel	10.0	3 6 9	3.78	18			35.0			
87.0										
Hard, dry, brown, Sandstone		100/5"	· · · · · · · · · · · · · · · · · · ·			-				
	15.0					_	40.0			
Hard, dry, brown, Sandy Clay Shale 81.5		100/6"				_				
Bottom of hole = 17.5 ft						****				
No free water observed.	20.0						45.0			
Elevation referenced to CL Sta 702+50 NB. Assume Ele = 100.0 ft		\								
To convert "N" values to "N60" values multiply by 1.25.						_				

N-Std Pentr Test: 2" OD Sampler,

140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)