CONTRACT NO. 98982

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	VARIOUS	21	3C

STA. _____ TO STA. _____

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

* D-9 SAFETY FY 07-1

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log
Sheet 1 of 1

F.A.I. 57 (I-57)
Route: F.A.I. 57 Structure Number: Median Cable Barrier System Date: 9/7/2006
Section
County: Williamson Location: Median (I-57) Bored By: Bryan Keller
Checked By: Rob Graeff

Boring No S-S
Station 67+15
Offset 3' RT CL
Ground Surface 100.0 Ft

Surf Wat Elev:
Ground Water Elevation
when Drilling
At Completion
At: Hrs:

Description	Elev.	Depth	Blow	Qu tsf	W%
Stiff, very moist, brown, Silty Clay A7-6			1 3 4	1.2S	21
	98.0				
Very stiff, moist, brown, Silty Clay A-6			2 5 6	3.5S	16
	95.5				
Hard, moist, brown, Silty Clay A-6		5.0	3 6 8	4.3S	15
	93.0				
Stiff, moist, brown, Silty Clay A7-6			3 4 5	1.4B	20
	90.5				
Very stiff, moist, grey, Silty Clay Loam A-6		10.0	4 8 8	2.9S	22
	88.0				
Soft, very moist, grey, Silty Clay Loam A-6			2 2 2	0.4B	24
	85.5				
Medium, very moist, grey, Silty Clay Loam A-6		15.0	1 2 2	0.6B	24
	83.0				
Soft, very moist, grey, Silty Clay Loam A-6			WH WH 1	0.4B	28
	80.5				
Medium, very moist, grey mottled brown, Silty Clay Loam A-6		20.0	1 2 2	0.7B	25
	78.0				
Stiff, very moist, brown, Silty Clay Loam A-6			1 2 3	1.1B	25
	76.5				
		25.0			

Bottom of hole = 23.5 ft

No free water observed.

Assumed Elevation = 100.0 ft.

To convert "N" values to "N60" values multiply by 1.25.

30.0 35.0 40.0 45.0 50.0

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log
Sheet 1 of 1

F.A.I. 57 (I-57)
Route: F.A.I. 57 Structure Number: Median Cable Barrier System Date: 9/7/2006
Section
County: Williamson Location: Median (I-57) Bored By: Bryan Keller
Checked By: Rob Graeff

Boring No 6-S
Station 165+50
Offset 4' RT CL
Ground Surface 100.0 Ft

Surf Wat Elev:
Ground Water Elevation
when Drilling
At Completion
At: Hrs:

Description	Elev.	Depth	Blow	Qu tsf	W%
Very stiff, damp, brown, Silty Clay A-6			2 6 4	3.2B	12
	98.0				
Stiff, moist, brown, Silty Clay Loam A-6			4 8 9	1.6S	18
		5.0	2 5 6	1.5S	18
			3 5 5	1.5B	20
	90.5				
Hard, moist, brown, Silty Clay A7-6		10.0	3 7 8	4.1S	19
	88.0				
Hard, damp, brown, Silty Clay A7-6			4 9 13	4.1S	15
		15.0	5 22 40	5.2B	11
	84.0				
		25.0			

Bottom of hole = 16.0 ft

No free water observed.

Assumed Elevation = 100.0 ft.

To convert "N" values to "N60" values multiply by 1.25

30.0 35.0 40.0 45.0 50.0

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

PLOT DATE = 9/28/2006
FILE NAME = c:\projects\n984186\d984186mxs32
PLOT SCALE = 10.0000 ' / IN.
USER NAME = sheperdgd

SOIL BORING LOGS