CONTRACT NO. 98982

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	VARIOUS	21	38
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 Bored By: Bryan Keller
County: Williamson Location: Median (I-57) Checked By: Rob Graeff

Boring No 3-S
Station 5+00
Offset CL
Ground Surface 100.0 Ft

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

Description	Depth	Blow	Qu tsf	W%
Stiff, damp, brown, Silty Clay Loam A-6		2 3 5	1.2B	9
	98.0			
Very stiff, moist, brown, Silty Clay A-6		6 8 6	2.5S	15
	5.0	4 5 5	2.1B	19
	93.0			
Stiff, moist, brown, Silty Clay A-6		3 6 7	1.9S	20
	90.5			
Very stiff, moist, brown, Silty Clay Loam A-6	10.0	3 5 6	2.2B	19
	88.0			
Stiff, very moist, brown, Silty Clay A-6		2 4 6	1.5B	28
	15.0	1 3 6	1.9B	18
	84.0			
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.	20.0			
	25.0			

Depth	Blow
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 Bored By: Bryan Keller
County: Williamson Location: Median (I-57) Checked By: Rob Graeff

Boring No 4-S
Station 41+83
Offset CL
Ground Surface 100.0 Ft

Surf Wat Elev:
Ground Water Elevation
when Drilling 93
At Completion
At: Hrs:

Description	Depth	Blow	Qu tsf	W%
Very stiff, very moist, brown, Silty Clay Loam A-6		3 4 5	2.1B	29
	98.0			
Loose, damp, brown, fine, Sand 89% Sand 6% Silt 5% Clay		4 4 3		7
	5.0	2 3 3		
	93.0			
Very loose, wet ,brown fine Sand 89% Sand 6% Silt 5% Clay		1 1 3		
	90.5			
Medium, wet, brown, fine Sand 89% Sand 6% Silt 5% Clay	10.0	2 5 8		
	88.0			
Loose, wet, brown, fine Sand 89% Sand 6% Silt 5% Clay		2 3 3		
	15.0	2 3 4		
	83.0			
Loose to medium, wet, tan, fine Silty Sand 95% Sand 2% Silt 3% Clay		2 4 6		23
	20.0	3 4 4		
No recovery		4 8 8		
	75.5			
	25.0	2		

Description	Depth	Blow	Qu tsf	W%
Medium, wet, tan, fine Silty Sand	74.0	7 7		
Bottom of hole = 26.0 ft				
Free water observed at 7.0 ft.	30.0			
Assumed Elevation = 100.0 ft.				
To convert "N" values to "N60" values multiply by 1.25				
	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 = n:\d9design\d94985\d94985sht02
PLOT SCALE = 100:4527 ' / IN.
USER NAME = shepa-dgd

SOIL BORING LOGS