

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/64	(41-3)HBK	JEFFERSON	518	269
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
 Route: FAI 57/64 Structure Number: _____ Date: 11/20/2006
 Section (41-3)HBK Bored By: Bryan Keller
 County: Jefferson Location: _____ Checked By: Rob Graeff

Boring No 3-S Station 702+50 Offset 3' Rt. Ground Surface 98.0Ft	D E P T H	B L O W	Qu tsf	W%	Surf Wat Elev:		D E P T H	B L O W	Qu tsf	W%
					Ground Water Elevation when Drilling	At Completion				
Very stiff, very moist, brown, Silty Clay A-6										
		2								
		6	2.9S	22						
		9								
93.5										
Stiff, moist, brown, Silty Clay A-6 with some Gravel	5.0	3					30.0			
		7	1.8S	17						
		7								
91.0										
Hard, dry, brown, Sandstone		100/3"								
10.0							35.0			
Hard, dry, brown, Sandstone		100/9"								
15.0							40.0			
Hard, dry, grey, Sandy Clay Shale		100/7"								
80.0										
Bottom of hole = 18.0 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.										
25.0							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

Sign Truss Soil Borings Over FAI 57
 Route: FAI 57/64 Structure Number: _____ Date: 11/21/2006
 Section (41-3)HBK Bored By: Bryan Keller
 County: Jefferson Location: _____ Checked By: Rob Graeff

Boring No 4-S Station 704+40 Offset 3' Lt. Ground Surface 98.9Ft	D E P T H	B L O W	Qu tsf	W%	Surf Wat Elev:		D E P T H	B L O W	Qu tsf	W%
					Ground Water Elevation when Drilling	At Completion				
Very stiff, moist, brown, Silty Clay A-6										
		6								
		9	3.3B	17						
		9								
92.4										
Very stiff, moist, brown mottled grey, Silty Clay to Clay A7-6		2								
		5	3.5S	18						
		8								
89.9										
Hard, moist, brown mottled grey, Silty Clay to Clay A7-6 with some Gravel		4								
	10.0	9	4.5B	17			35.0			
		13								
87.4										
Hard, dry, brown, Sandstone		100/5"								
15.0							40.0			
Hard, dry, brown, Sandstone		100/2"								
81.9										
Bottom of hole = 17.0 ft										
No free water observed.										
Elevation referenced to CL Sta 702+50 NB. Assume Ele = 100.0 ft	20.0						45.0			
To convert "N" values to "N60" values multiply by 1.25.										
25.0							50.0			

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