STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log
Sheet 1 of 2

Interstate 57 Over MPRR
Route: Interstate 57 Structure Number: 028-0008/9 Date: 10/24/2005
Section Bored By: Bryan Keller
County: Franklin Location: S. of West City Checked By: Rob Graeff

Boring No 1-S
Station 513+42
Offset 1' LT CL Median
Ground Surface 477.0 Ft

DEPTH	BLOW	Qu tsf	W%	Surf Wat Elev: / Ground Water Elevation when Drilling / At Completion / At: Hrs:	DEPTH	BLOW	Qu tsf	W%
				Stiff, very moist, grey, Clay A7-6		4 5	1.8B	22
					450.0			
Hard, damp to moist, brown, Silty Clay A-6		8 12 14	6.1B	17	Stiff, very moist, grey, Silt Loam A-4	2 4 7	1.3B	22
472.5					447.5			
Stiff, moist, brown mottled grey, Silty Clay to Clay A7-6	5.0	4 5 7	1.4S	20	Stiff, moist, brown mottled grey, Silty Clay A-6	30.0 1 3 5	1.9B	23
470.0					445.0			
Very stiff, moist, brown mottled grey, Silty Clay A7-6		3 4 3	2.1B	18	Stiff, very moist, grey, Silty Clay to Clay A7-6	2 5 5	1.2B	21
467.5								
Stiff, moist to very moist, brown mottled grey, Silty Clay A7-6	10.0	3 4 5	1.7B	21		35.0 3 5 5	1.6B	20
465.0					440.0			
Stiff, very moist, grey mottled brown, Clay A7-6		2 4 5	1.2S	19	Very stiff, moist, brown mottled grey, Clay to Silty Clay A7-6 with some gravel	2 4 6	2.1S	21
462.5					437.0	40.0 19		
Stiff, very moist, brown mottled grey, Silty Clay to Clay A7-6	15.0	2 4 5	1.8B	18	Hard, dry, brown mottled grey Clay Shale	100/9"		
460.0								
Very stiff, moist, brown, Silty Clay A7-6		3 5 7	2.6B	19				
457.5								
Stiff, moist, brown mottled grey, Silty Clay A-6	20.0	2 4 5	1.4B	21		45.0		
		2 4 6	1.6B	18				
452.5								
	25.0	2			Hard, dry, grey, Clay Shale 427.0	50.0 100/4"		

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

Sheet 2 of 2
Date: 10/24/2005

Route: Interstate 57
Section:
County: Franklin

Boring No: 1-S
Station: 513+42
Offset: 1' LT CL Median
Ground Surface: 477.0 Ft

Bottom of hole = 50.0 ft.

No free water observed..

Elevations referenced to BK.
N. Abut. N.57 Sta 513+55
Elev 477.5 ft

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

DEPTH	BLOW	Qu tsf	W%	DEPTH	BLOW	Qu tsf	W%
				55.0			
				60.0			
				65.0			
				70.0			
				75.0			
				80.0			
				85.0			
				90.0			
				95.0			
				100.0			

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

BORING LOGS
STRUCTURE NO. 028-0081 (SB)
STRUCTURE NO. 028-0082 (NB)

SHEET NO. 42	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
43 SHEETS	57	(28-3-1)VB-1	FRANKLIN	98	66
			CONTRACT NO. 78068		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

OATES ASSOCIATES Consulting Engineers
Eastport Business Center 1
100 Lanter Court, Suite 1
Collinsville, Illinois 62234
618-345-2200
Design Firm License No. 184.001115

DESIGNED -
CHECKED -
DRAWN -
CHECKED -