ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation Boring Log
Sheet 1 of 2

T. 272 (Timothy Lane) Over Little Bessie Creek
Route: T.R. 272 Structure Number: 028-3125 Date: 05/07/2002
Section Bored By: Bryan Keller
County: Franklin Location: N Hanaford Checked By: Rob Graeff

Boring No 1-S
Station 20' S of S Abut
Offset CL
Ground Surface (410.0) 99.9 Ft

Surf Wat Elev: 98.9
Ground Water Elevation
when Drilling 82.9
At Completion 83.9
At: Hrs:

DEPTH	BLOW	Qu tsf	W%	DEPTH	BLOW	Qu tsf	W%
Multi A-1 over Cinders					WH		
					1	1.2B	52
(408.0) 97.9				(383.0) 72.9	1		
Medium, moist, brown, Silt Loam A-4	2			Medium, very moist, grey, Clay A7-6	WH		
	2	0.6B	18		1	0.9B	28
	2				1		
(405.5) 95.4				(380.5) 70.4			
Loose, dry, brown, broken bricks 5.0	3			Stiff, very moist, grey, Clay A7-6 30.0	WH		
	3				1	1.1B	21
	5				1		
(403.0) 92.9				(378.0) 67.9			
Stiff, moist, grey, Silt Loam A-4 with some Gravel	1			Medium, very moist, grey, Clay Loam A-6 with some Gravel	1		
	5	1.3S	17		5	0.7B	16
	10				7		
(400.5) 90.4				(375.5) 65.4			
Stiff, moist, grey mottled brown, Silt Loam A-4 10.0	1			Hard, dry, grey, Clay Shale 35.0	3		
	7	1.1S	15		100/10"		
	7						
(398.0) 87.9							
Soft, very moist, brown, Sandy Clay A-4	1						
	3	0.3B	17				
	3						
15.0	1			Hard, dry, grey, Clay Shale 40.0	100/9"		
	1		22	(369.5) 59.4			
	4						
(393.0) 82.9							
Very loose, wet, brown mottled grey, Silty Sand with Silty Clay Seams	1			Bottom of hole = 40.5 ft			
	1		23				
	1			Free water observed at 17.0 ft.			
73% Sand; 17% Silt; 10% Clay (390.5) 80.4							
Medium, very moist, grey, Clay 20.0	WH			Elevation referenced to center of Existing Structure; Assumed Elevation = 100.0 ft. = 410.0±			
A7-6	1	0.7S	32				
	2						
(388.0) 77.9				To convert "N" values to "N60" values multiply by 1.25.			
Stiff,very moist, grey, Clay	WR						
A7-6	2	1.4B	26				
	1						
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)

BORING 1

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation Boring Log
Sheet 1 of 1

T.R. 272 (Timothy Lane) Over Little Bessie Creek
Route: T.R. 272 Structure Number: 028-3125 Date: 05/07/2002
Section Bored By: Bryan Keller
County: Franklin Location: N Hanaford Checked By: Rob Graeff

Boring No 2-S
Station 20' N of N Abut
Offset CL
Ground Surface (410.0) 99.8 Ft

Surf Wat Elev: 98.8
Ground Water Elevation
when Drilling 85.3
At Completion 74.8
At: Hrs:

DEPTH	BLOW	Qu tsf	W%	DEPTH	BLOW	Qu tsf	W%
Multi A-1				Stiff, very moist, grey, Silty Clay A-6	1	1.5B	21
(409.0) 98.8					1		
				(382.8) 72.8			
Loose, dry, dark grey, Cinders	4			Soft, very moist, grey, Silty Clay A-6	1		
	6				WH	0.4S	21
	4				WH		
(405.5) 95.3				(380.5) 70.3			
Stiff, damp to moist, grey, Silty Clay Loam A-6 with Cinders 5.0	3			Medium, very moist, grey, Silty Clay to Clay A7-6 30.0	WR		
	13	1.2B	16		1	0.9B	20
	11				1		
(403.0) 92.8				(378.0) 67.8			
Medium, moist, grey, Silt Loam A-4	1			Stiff, very moist, grey, Silty Clay A-6	2		
	2	0.7	18		1	1.1B	18
	3				2		
(400.5) 90.3				(375.0) 64.8			
Stiff, moist, brown mottled grey, Silt Loam to Silty Clay Loam A-4 10.0	1			Hard, dry, grey, weathered Clay Shale 35.0	1		
	5	1.5P	14		13		
	6				42		
(397.8) 87.8				(372.0)			
Medium, very moist, brown, Sandy Clay A-4	1			Hard, dry, grey, Clay Shale 61.8	5		
	3	0.7B	19		100/10"		
	3						
(395.5) 85.3				Bottom of hole = 38.0 ft.			
Very loose, wet, brown, Fine Silty Sand with Silty Clay Layers 15.0	WH			40.0			
	2		26	Free water observed at 14.5 ft.			
72% Sand; 17% Silt; 11% Clay	2						
(393.0) 82.8				Elevation referenced to center of Existing Structure; Assumed Elevation = 100.0 ft. = 410.0±			
Medium, very moist, brown, Silty Clay A-6	WH						
	1	0.6B	26				
	WH			To convert "N" values to "N60" values multiply by 1.25.			
(390.5) 80.3							
Stiff, moist, brown mottled grey, Clay to Silty Clay A7-6 20.0	1			45.0			
	2	1.1S	30				
	1						
(388.0) 77.8							
Stiff, very moist, grey, Clay A7-6	WH						
	1	1.1S	27				
	1						
(385.5) 75.3							
25.0	WH			50.0			

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

BORING 2

DESIGNED - A.S.L.
CHECKED - S.W.M.
DRAWN - D.A.B.
CHECKED - S.W.M.

BORINGS
STRUCTURE NO. 028-3406

HAMPTON, LENZINI AND RENWICK, INC.
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PROJECT NUMBER: 09.0150.130 DATE: 02/07/11

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
272	08-02136-00-BR	FRANKLIN	16	16
BENTON ROAD DISTRICT		CONTRACT NO. 99426		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT BROS-0055(061)		