STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

District Nine Materials — Boring Log

Sheet 1 of 2

Illinois 37 Over Stream South of W. Frankfort

Route: ILL 37 Structure Number: 028-2003 Date: 10/09/2002

Section: Bored By: Bryan Keller

County: Franklin Location: SCL W Frankfort Checked By: Rob Graeff

Boring No 2-S
Station 91+45
Offset 13' LT CL
Ground Surface 395.1 Ft

Surf Wat Elev: 386.0
Ground Water Elevation
when Drilling 368.1
At Completion
At: Hrs:

Description	Elev.	DEPTH	BLOW	Qu tsf	W%
Crushed Aggregate and Cinders	393.1				
Very stiff, moist, grey mottled brown, Silty Clay to Silty Clay Loam A-6			7 / 4 / 4	2.0B	20
		5.0	2 / 2 / 3	2.1B	19
	388.1				
Medium, very moist, grey, Silty Clay A-6			WH / 1 / 1	0.6B	26
	385.6				
Medium, very moist, grey, Clay to Silty Clay A7-6		10.0	1 / 1 / 1	0.8B	33
	383.1				
Stiff, very moist, grey, Clay to Silty Clay A7-6			WH / 1 / 1	1.4S	27
	380.6				
Stiff, very moist, brown, Silty Clay A-6		15.0	1 / 2 / 2	1.1B	28
			1 / 2 / 2	1.3B	26
	375.6				
Very stiff, moist, brown mottled grey, Clay to Silty Clay A7-6		20.0	1 / 3 / 3	2.9B	23
			1 / 3 / 4	2.4S	25
	370.6				
		25.0	1		

Description	Elev.	DEPTH	BLOW	Qu tsf	W%
Medium, very moist, grey mottled brown, Silty Clay A7-6			2 / 2	0.8B	25
			1 / 2 / 2	0.9B	24
	365.6				
Soft, very moist, brown, Silty Clay A-6		30.0	1 / 1 / 1	0.4S	28
	363.1				
Medium, wet, brown, fine Silty Sand 73% Sand 19% Silt 8% Clay			1 / 6 / 9		22
	360.6				
Medium, very moist, grey mottled brown, Clay A7-6		35.0	1 / 2 / 3	0.9B	22
	358.1				
Stiff, moist, grey, Silty Clay Loam A-6			1 / 1 / WH	1.5S	18
	355.6				
Medium, wet, grey, very fine Silty Sand 62% Sand 29% Silt 9% Clay		40.0	4 / 4 / 13		20
	350.6				
Very stiff, moist, grey, Clay A7-6		45.0	1 / 4 / 6	2.7S	28
	345.6				
		50.0	3		

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

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Boring Log — Sheet 2 of 2

Route: ILL 37 Date: 10/09/2002

Section:

County: Franklin

Boring No: 2-S
Station: 91+45
Offset: 13' LT CL
Ground Surface: 395.1 Ft

Description	Elev.	DEPTH	BLOW	Qu tsf	W%
Hard, moist, grey, Clay A7-6			8 / 13	4.1S	24
	340.6				
Very soft, very moist, grey, Silt Loam A-4		55.0	WR / WR / 2	0.2P	21
	335.6				
Stiff, moist, grey, Clay Loam A-6		60.0	1 / 4 / 7	1.9S	17
	330.6				
Stiff, very moist, grey, Silty Clay A-6 with Silt Loam Layers		65.0	2 / 4 / 8	1.4S	21
	325.6				
Loose to medium, grey, Sand	325.1	70.0	10		
Hard, dry, grey, Clay Shale			100/10"		
		75.0	100/2"		

Description	Elev.	DEPTH	BLOW	Qu tsf	W%
Hard, dry, grey, Clay Shale					
Hard, dry, grey, Sandstone	315.1	80.0	100/2"		
Bottom of hole = 80.0 ft.					
Free water observed at 27.0 ft.					
Elevation referenced to center of Existing Structure; Cr Elev = 395.2 ft					
To convert "N" values to "N60" values multiply by 1.25.		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)

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DESIGNED	AMS
CHECKED	JMH
DRAWN	PRC
CHECKED	AMS

09/25/09

MODJESKI and MASTERS
Consulting Engineers
SINCE 1893

BORING LOGS
SN 028-2017

SHEET NO. 8 / 8 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	9481	12B-1	FRANKLIN	304	126
	SN 028-2017		CONTRACT NO. 98823		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		