

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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: 10/07/2002
Bored By: Bryan Keller
Section: Location: SCL W Frankfort Checked By: Rob Graeff
County: Franklin

Boring No 1-S Station 90+60 Offset 17' W CL Ground Surface 394.0 Ft	D E P T H	B L O W	Qu tsf	W%	Surf Wat Elev: 386.0 Ground Water Elevation when Drilling 364.5 At Completion At: Hrs:	D E P T H	B L O W	Qu tsf	W%
Crushed Aggregate and Cinders							2	2.2B	23
392.0					367.0		4		
Very stiff, moist, brown, Silty Clay A-6		1	3.0P	21	Medium, very moist, brown, Silty Clay A-6		1	0.8B	24
389.5					364.5				
Medium, very moist, brown, Silty Clay Loam A-6		5.0	WH		Very soft, very moist, brown, Silty Clay Loam A-6		30.0	1	0.2B
			1	0.7S	23			WH	0.2B
387.0					362.0				
Soft, moist, brown, Silty Clay Loam A-6			WH		Very loose, wet, brown, fine Silty Sand			WR	22
			WH	0.4P	24			WR	
384.5					359.5				
Medium, very moist, grey, Clay to Silty Clay A7-6		10.0	WH		Medium, wet, brown, fine Sand with a Coal Layer		35.0	1	
			WH	0.7S	34			3	
								11	
379.5					357.0				
Stiff, moist, brown, Silty Clay A7-6			WH		Medium, wet, brown to tan, fine Sand			7	
			WH	0.7B	32			7	
			WH					5	
377.0					40.0			10	
Stiff, moist, brown mottled grey, Silty Clay A-6			1					17	
			2	1.3S	26			12	
			2						
374.5					349.5				
Stiff, moist, grey mottled brown, Clay A7-6		20.0	1	1.9S	26	Very stiff, moist, grey, Clay A7-6 with a Sand Layer		45.0	4
			2					1	2.1B
			4					4	31
372.0					344.5				
Very stiff, moist, brown mottled grey, Silty Clay A7-6			2						
			3	3.3B	23				
			4						
25.0			2					50.0	2

N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer) 40

Sheet 2 of 2
Date: 10/07/2002

Route: ILL 37
Section: Location: SCL W Frankfort Checked By: Rob Graeff
County: Franklin

Boring No: 1-S
Station: 90+60
Offset: 17' W CL
Ground Surface: 394.0 Ft

Boring No: 1-S Station: 90+60 Offset: 17' W CL Ground Surface: 394.0 Ft	D E P T H	B L O W	Qu tsf	W%	Surf Wat Elev: 386.0 Ground Water Elevation when Drilling 364.5 At Completion At: Hrs:	D E P T H	B L O W	Qu tsf	W%
Very stiff, moist, grey, Clay A7-6			5	3.9S	26				
392.0					367.0				
			8						
389.5					364.5				
Hard, moist, grey, Clay A7-6		55.0	3		Very soft, very moist, brown, Silty Clay Loam A-6		30.0	1	0.2B
			7	4.1B	17			WH	0.2B
			16					1	
387.0					362.0				
Soft, moist, brown, Silty Clay Loam A-6			WH		Very loose, wet, brown, fine Silty Sand			WR	22
			WH	0.4P	24			WR	
384.5					359.5				
Medium, very moist, grey, Clay to Silty Clay A7-6		10.0	WH		Medium, wet, brown, fine Sand with a Coal Layer		35.0	1	
			WH	0.7S	34			3	
								11	
379.5					357.0				
Stiff, moist, brown, Silty Clay A7-6			WH		Medium, wet, brown to tan, fine Sand			7	
			WH	0.7B	32			7	
			WH					5	
377.0					40.0			10	
Stiff, moist, brown mottled grey, Silty Clay A-6			1					17	
			2	1.3S	26			12	
			2						
374.5					349.5				
Stiff, moist, grey mottled brown, Clay A7-6		20.0	1	1.9S	26	Very stiff, moist, grey, Clay A7-6 with a Sand Layer		45.0	4
			2					1	2.1B
			4					4	31
372.0					344.5				
Very stiff, moist, brown mottled grey, Silty Clay A7-6			2						
			3	3.3B	23				
			4						
25.0			2					50.0	2

Very stiff, moist, grey, Silty Clay A-6

334.5

60.0

2

6

2.7S

18

9

329.5

65.0

3

6

0.9B

24

5

324.5

70.0

100/2"

95.0

Bottom of hole = 70.0 ft.

Free water observed at 29.5 ft

Elevation referenced to center of Existing Structure; Assumed Elevation = 100.0 ft

75.0

100.0

N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer) 41

DESIGNED AMS
CHECKED JMH
DRAWN PRC
CHECKED AMS
09/25/09



BORING LOGS
SN 028-2017

SHEET NO. 7 8 SHEETS	F.A.U. RTE. 9481	SECTION 12B-1	COUNTY FRANKLIN	TOTAL SHEETS 304	SHEET NO. 125
	SN 028-2017		CONTRACT NO. 98823		
	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				