ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 869	104B-2	Franklin	56	55
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 15
16 SHEETS

Contract # 98775

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log
Sheet 1 of 2

ILL 14 Over Andy Creek

Route: ILL 14 Structure Number: 028-0017 Date: 7/5/2001
Section
Bored By: Bryan Keller
County: Franklin Location: W of Buckner Checked By: Rob Graeff

Boring No 1-S
Station 21' W of W Abut
Offset 14' N CL
Ground Surface 99.5 ft

Surf Wat Elev: 86.0
Ground Water Elevation
when Drilling 80
At Completion 67.5
At: Hrs:

DEPTH	BLOW	Qu tsf	W%	DEPTH	BLOW	Qu tsf	W%
Bituminous Shoulder 98.5				Very stiff, very moist, brown mottled, grey, Clay A7-6 72.5	2 3	2.4S	19
Soft, very moist, brown Silty Clay A-6 95.0	1 1 1	0.4P	17	Medium, very moist, brown mottled grey, Clay to Silty Clay A7-6 70.0	1 2 2	0.8S	22
Soft to medium, very moist, brown mottled grey, Silty Clay A-6 92.5	5.0 1 1 1	0.5B	19	Very stiff, moist, brown mottled grey, Silty Clay A-6 with a Coal Layer 67.5	30.0 2 2 3	2.1S	19
Medium, very moist, grey, Silty Clay Loam to Silty Clay A-6 97.5	1 2 1	0.6B	27	Very stiff, moist, grey, Clay to Silty Clay A7-6 65.0	2 5 7	3.0B	18
Stiff, moist to very moist, grey, Silty Clay to Silty Clay Loam A-6 85.0	10.0 1 WH 1	0.6B	29	Stiff, very moist, grey, Clay to Silty Clay A7-6 62.5	35.0 1 3 2	1.1B	36
Stiff, moist, grey mottled brown, Silt Loam to Silty Clay Loam A-6 82.5	15.0 2 2 5	1.1S	19	Very stiff, moist to very moist, grey, Clay A7-6 60.0	1 2 3	2.1B	23
Soft, very moist, brown mottled grey, Silty Clay A-6 80.0	1 1 1	0.4B	23	Stiff, very moist, grey, Clay A7-6 54.5	40.0 1 2 2	1.6B	20
Medium, very moist, brown mottled grey, Silty Clay A-6 77.5	20.0 WH 1 1	0.9B	27	Hard, dry, grey, Weathered Clay Shale 50.0	45.0 4 21 25		
Very soft, very moist to wet, brown mottled, grey, Silty Clay A-6 with fine Silty Sand Layers 75.0	WH 1 1	0.2B	21				
	25.0 1				50.0 100/5"		

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

Route: ILL 14 Date: 7/5/2001
Section:
County: Franklin

Boring No: 1-S
Station: 21' W of W Abut
Offset: 14' N CL
Ground Surface: 99.5 ft

DEPTH	BLOW	Qu tsf	W%	DEPTH	BLOW	Qu tsf	W%
Hard, dry, grey, Clay Shale 55.0	100/10"			80.0			
Hard, dry, grey, Clay Shale 39.5 60.0	100/1"			85.0			
Bottom of hole = 60.0 ft.							
Free water observed at 19.5 ft.							
Elevation referenced to center of existing Structure over West Abutment at Pavement Grade, Assumed Elevation = 100.0 ft.							
To convert "N" values to "N60" values multiply by 1.25							
65.0				90.0			
70.0				95.0			
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)

LIN ENGINEERING,LTD.
Consulting Engineers
Chatham, Illinois

Designed By: JGY | Checked By: MTH | Drawn By: AJF
Date: 12/06 | File: 028-0076.DGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORINGS-1
ILLINOIS ROUTE 14 OVER
ANDY CREEK
F.A.P. ROUTE 869 - SECTION 104B-2
FRANKLIN COUNTY
STATION 603+80.00
STRUCTURE NO. 028-0076

5/7/2007 2:58:13 PM E:\0602\Plans\028-0076.dgn