ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 885	(107A) B-1	Johnson	38	38
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 16
16 SHEETS

Contract # 98776

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log
Sheet 1 of 2

Illinois Route 146 Over Buck Run
Route: ILL 146 Structure Number: 044 0013 Date: 10/21/2002
Section
County: Johnson Location: 1.2 Mi E Union Co Checked By: Rob Graeff
Boring No 2-S Suel Wat Elev: 369.3 Bored By: Bryan Keller
Station 628+77 Ground Water Elevation when Drilling
Offset 19' RT Cl At Completion
Ground Surface 387.2 FL At: hrs:

	DEPTH	BLOWS	Qu tsf	W%
Crushed Aggregate				
	386.2			
Stiff, very moist, brown, Silty Clay A-6		1		
		3	1.1B	24
		3		
	6.0	2		
		3	1.1S	24
		4		
	380.2			
Medium, very moist, brown, Silty Clay A-6 with some Gravel		2		
		3	0.9B	29
		3		
	377.7			
Stiff, very moist, grey, Silty Clay A/-6	10.0	1		
		3	1.4S	23
		3		
	375?			
Medium, very moist, grey, Silty Clay Loam A-6		WH		
		WH	0.7B	26
		1		
	372.7			
Medium, moist, grey, Silt Loam A 4	15.0	4		
		6	0.6B	22
		5		
	370.2			
Stiff, mosl, grey mottled brown, Silty Clay Loam A-6		3		
		4	1.3S	21
		5		
	367.7			
Medium, very must, grey mottled brown, Silty Clay Loam A-6	20.0	1		
		2	0.8S	26
		3		
	365.2			
Very stiff, moist, brown, Silty Clay Loam A-6		1		
		5	2.1S	23
		5		
	362.7			
	25.0	1		

	DEPTH	BLOWS	Qu tsf	W%
Medium, very moist, brown mottled grey, Silty Clay A-6		3	0.8S	26
		2		
	360.2			
Medium, very moist, brown mottled grey, Silty Clay Loam A 6		WH		
		WH	0.6B	29
		WH		
	357.7			
Medium to stiff, very moist, grey, Silty Clay A-6	30.0	1		
	356.7	3	1.0S	25
Hard, dry, brown, Sandstone		100/4"		
Hard, dry, brown, Sandstone	352.2	35.0	100/3"	
Hard, dry, grey, Sandstone Cored from 35.0 ft to 40.0 ft. 100% Recovery 98% RQD				
	347.2	40.0		
Hard, dry, grey to brown, Sandstone with Clay Layers Cored from 40.0 ft to 45.0 ft. 100% Recovery 77% RQD				
	342?	45.0		
Hard, dry, brown to grey Sandstone Cored from 45.0 ft to 50.0 ft. 100% Recovery 82% RQD				
	337.2	50.0		

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 146 Date: 10/21/2002
Section
County: Johnson

Boring No: B-1
Station: 628+77
Offset: 24' RT Cl
Ground Surface: 387.2 FL

	DEPTH	BLOWS	Qu tsf	W%
Bottom of hole = 50.0 ft.				
No free water observed				
Elevation referenced to NAVD 88 as the 627+90 Elev = 387.0 ft.				
To convert "N" values to "N60" values multiply by 1.25.				
	40.0			
	50.0			
	60.0			
	70.0			
	80.0			
	90.0			
	100.0			

	DEPTH	BLOWS	Qu tsf	W%
	40.0			
	45.0			
	50.0			
	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)

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8/2/2007 1:53:04 PM

LIN ENGINEERING, LTD.
Consulting Engineers
Chatham, Illinois

Designed By: KHH	Checked By: MTH	Drawn By: AJF
Date: 5/2007	File: 044-0059.DGN	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORINGS-2
ILLINOIS ROUTE 146 OVER
BUCK RUN CREEK
F.A.P. ROUTE 885 - SEC. (107A)B-1
JOHNSON COUNTY
STA. 628+25.00
STRUCTURE NO. 044-0059