ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 310 U.S. 67	(41-A)BR	McDonough	58	31
FED. ROAD DIST. NO. 4		FED. AID PROJECT-		

SHEET NO. 14
16 SHEETS

Contract #88939

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 3

Date 5/19/05

ROUTE US 67 (FAP 310) DESCRIPTION US 67 Over Carter Creek LOGGED BY T. Schepke

SECTION (41-A) BR LOCATION SEC. , TWP. 4N, RNG. 2W, 4th PM

COUNTY McDonough DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTO

STRUCT. NO. Existing 055-0007
Station Prop. 567+37.85

BORING NO. 3
Station 567+54
Offset 45.00ft RT of CL
Ground Surface Elev. 613.29 ft

Surface Water Elev. 607.24 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter None ft
Upon Completion 605.3 ft ▽
After 24 Hrs. 607.3 ft ▽

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Dark Brown SILTY CLAY LOAM					
		-5	2*	0.3 B	33.0
▽	608.79				
Light Brown & Gray (Fine) SANDY CLAY LOAM			6*	1.0 B	20.0
▽	604.29				
Brown & Gray (Fine) SANDY CLAY LOAM		-10	3*	0.3 B	
	601.79				
Gray (Fine) SANDY CLAY LOAM			3*	0.3 B	
	598.29				
Gray SAND & GRAVEL	598.29	-15	8*	1.6 B	16.0
Gray CLAY w/ trace of sand & gravel			28*	3.1 B	14.0
		-20	22*	3.0	
Gray CLAY w/ trace of sand & gravel (continued)		-25	20*		
			25*	3.1 B	
		-30	16*		
			15*	1.4 B	
		-35	13*	1.3 B	
			14*	1.4	
		-40	12*	1.3	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

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Date 5/19/05

ROUTE US 67 (FAP 310) DESCRIPTION US 67 Over Carter Creek LOGGED BY T. Schepke

SECTION (41-A) BR LOCATION SEC. , TWP. 4N, RNG. 2W, 4th PM

COUNTY McDonough DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTO

STRUCT. NO. Existing 055-0007
Station Prop. 567+37.85

BORING NO. 3
Station 567+54
Offset 45.00ft RT of CL
Ground Surface Elev. 613.29 ft

Surface Water Elev. 607.24 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter None ft
Upon Completion 605.3 ft ▽
After 24 Hrs. 607.3 ft ▽

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray CLAY w/ trace of sand & gravel (continued)				B	
			12*	1.6 B	19.0
		-45	12*	1.6 B	
			12*	1.6 B	
		-50	12*	1.6 B	
			12*		
		-55	12*	1.6 B	
			12*	1.6 B	
		-60	11*	1.6	
Gray CLAY w/ trace of sand & gravel (continued)				B	
		-65	12*	1.2 B	
			11*	1.0 S	
		-70	13*		
			12*	1.2 B	
		-75	16*	2.0	
	538.79				
Gray (streaked Brown, Yellow, Brown, & Grayish Blue) CLAY			20*	2.8 B	20.0
	534.29				
Dark Gray SHALEY CLAY		-80	70*	3.5	18.0

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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Date 5/19/05

ROUTE US 67 (FAP 310) DESCRIPTION US 67 Over Carter Creek LOGGED BY T. Schepke

SECTION (41-A) BR LOCATION SEC. , TWP. 4N, RNG. 2W, 4th PM

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Groundwater Elev.:
First Encounter None ft
Upon Completion 605.3 ft ▽
After 24 Hrs. 607.3 ft ▽

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Dark Gray SHALEY CLAY (continued)				S	
			100@6"		
				3.5 S	14.0
			100@4"		
		-85			
	527.79				
* total blow counts (N) per foot End of Boring					
		-90			
		-95			
		-100			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

LIN ENGINEERING, LTD.
215 W. Chestnut Chatham, Illinois 62629
(217) 483-4611 FAX (217) 483-4706
Designed By: DLS | Checked By: MIX | Drawn By: ADB
Date: 01/06 | File: 0550048.DGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORINGS
F.A.P. ROUTE 310 (US 67)
OVER CARTER CREEK
SECTION (41A)BR
MCDONOUGH COUNTY
STA. 567+41.50
S.N. 055-0048