ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log
Sheet 1 of 2

FAS 2869 (IL 37) Over stream

Route FAS 2869 (IL 37 Structure Number: 041-0092 Date: 2/27/2009

Section 2-B-Y Bored By: R Moberly

County: Jefferson Location: Bonnie Checked By: Rob Graeff

Boring No 2-S
Station 385+90
Offset 13' Lt CL
Ground Surface 418.0 Ft

Surf Wat Elev: 413.8
Ground Water Elevation
when Drilling 396.1
At Completion 410.1
At: Hrs:

Description	DEPTH	BLOWS	Qu tsf	W%
Stiff, moist, brown, Silty Clay Loam A-6				
		1		
		2	1.4B	20
		3		
	413.5			
Medium to soft, very moist, grey, Silty Clay Loam A-4	5.0	1		
		1	0.5B	25
		1		
		WH		
		WH	0.3B	29
		WH		
	408.5			
Very stiff, moist, brown mottled grey, Clay A7-6	10.0	1		
		5	2.7B	20
		7		
		1		
		4	2.3B	21
		6		
	403.5			
Stiff, moist, brown mottled grey, Clay A7-6	15.0	1		
		3	1.4B	21
		4		
		1		
		3	1.6B	16
		5		
	398.5			
Very stiff, moist, brown, Clay to Clay Loam A-6	20.0	2		
		6	2.5B	12
		9		
	396.0			
Very loose, wet, brown, Fine Sand with some Gravel		WH		
		WH		25
87% Sand		WH		
5% Silt				
2% Clay	393.5	Washed 3'		
6% Gravel	25.0	2		
Medium, very moist, brown, Fine Sand with some Gravel		7		
		12		
87% Sand; 5% Silt				
2% Clay; 6% Gravel	391.0	Washed 1'		
Very stiff, moist, brown, Clay to Clay Loam A7-6		5		
		6	2.9B	16
		8		
	388.5			
Stiff, moist, grey, Silty Clay to Silty Clay Loam A-6	30.0	3		
		6	1.6B	17
		8		
	386.0			
Stiff, moist, grey, Silt Loam to Silty Clay Loam A-4		1		
		6	1.8S	20
		8		
	383.5			
Stiff, moist, grey, Sand Loam to Sandy Clay Loam A-4	35.0	2		
		9	1.5S	15
		12		
		4		
		16	1.6S	20
		20		
	40.0	2		
		11	1.6S	22
		19		
	373.5			
Very stiff, moist, grey, Clay to Clay Loam A-6	45.0	7		
		10	3.7B	15
		15		
	50.0	2		

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 FAS 2869 (IL 37) Date: 2/27/2009

Section 2-B-Y

County: Jefferson

Boring No: 2-S
Station: 385+90
Offset: 13' Lt CL
Ground Surface: 418.0 Ft

Description	DEPTH	BLOWS	Qu tsf	W%
	367.5	8		
Hard, dry, grey, Clay Shale		55		
	55.0	100/2"		
	358.0	60.0	100/2"	
Bottom of hole = 59.7 feet				
Free water observed at 22.0 feet				
Elevation referenced to BM @ NE wingwall; Elev. = 418.3 feet				
To convert "N" values to "N60" values multiply by 1.25				
	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)

Coombe-Bloxdorf P.C.
-CIVIL ENGINEERS-
-STRUCTURAL ENGINEERS-
-LAND SURVEYORS-
Design Firm License No. 184-002703

FILE NAME = 0412019-78148-009-BOR2.dgn	USER NAME = $USER$	DESIGNED GB	REVISED -
		CHECKED RM	REVISED -
	PLOT SCALE = $SCALE$	DRAWN MML	REVISED -
CB PROJECT NO. 07055-5	PLOT DATE = 10/4/2012	CHECKED MCB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 041-2019
SHEET NO. 9 OF 9 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2869	2B-1	JEFFERSON	36	30

CONTRACT NO. 78148
ILLINOIS FED. AID PROJECT