FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
754	4RS-2,4BR	CALHOUN	87	56
STA.		TO STA.		
EXISTING CONDITIONS:				

SHEET 18 OF 18

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways
Illinois Department of Transportation

Page 1 of 2

Date 5/25/00

ROUTE FAS 754 DESCRIPTION Park Street Bridge Overpass LOGGED BY Larry Ford

SECTION 4RS-2,4BR LOCATION , SEC. 27, TWP. 11S, RNG. 2W, 4 PM

COUNTY Calhoun DRILLING METHOD Hollow Stem HAMMER TYPE Automatic

STRUCT. NO. 007-0015
Station

BORING NO. #4SPier
Station 5+89
Offset 10.00ft Lt
Ground Surface Elev. 434.2 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 408.2 ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	Qu (tsf)	MOIST (%)
Brown Silty Clay LOAM w/gravel			3		
			7	.7	
			4	S/10	24
		-5	3		
			2	.4	
			3	S/10	22
	427.7				
Brown and Gray Silt LOAM			2		
			3	.9	
			3	S/15	25
		-10	1		
			2	.6	
			4	S/15	25
	422.7				
Gray Silty Clay LOAM			2		
			4	2.3	
			5	S/15	23
		-15	2		
			3	1.7	
			5	S/15	21
			2		
			3	1.4	
			5	S/15	25
		-20			
Gray Silty Clay LOAM (continued)			2	1.2	
			4	S/15	29
			5		
			2		
			3	1.3	
			3	S/15	20
		-25	3		
			7	1.1	
	408.2 ▼		14	S/15	20
Brown Silty SAND			4		
See gradation #4SPier, 28			9	NC	
			12		
		-30	9		
			12	NC	
			14		
	402.2				
Brown Fine to Coarse SAND			7		
		-35	11	NC	
See Gradation #4SPier, 35.5			14		14
		-40			

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 — SOIL BORING LOG

Division of Highways
Illinois Department of Transportation

Page 1 of 2

Date 5/22/00

ROUTE FAS 754 DESCRIPTION Park Street Bridge Overpass LOGGED BY Larry Ford

SECTION 4RS-2,4BR LOCATION , SEC. 27, TWP. 11S, RNG. 2W, 4 PM

COUNTY Calhoun DRILLING METHOD Hollow Stem HAMMER TYPE Automatic

STRUCT. NO. 007-0015
Station

BORING NO. #2NABUT
Station 6+61
Offset 10.50ft Lt
Ground Surface Elev. 434.1 ft

Surface Water Elev. 422.4 ft
Stream Bed Elev. 422.2 ft

Groundwater Elev.:
First Encounter 416.1 ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	Qu (tsf)	MOIST (%)
Petroleum product contamination detected in soil through 21ft.					
Gray Silty CLAY			4		
PID:5			2	1.3	
			2	S/15	33
		-5	2		
PID:16			3	1.2	
			3	B	29
			4		
PID:24			4	1.5	
			5	S/15	25
	424.6	-10	2		
PID:16			3	.9	
			3	S/10	25
Gray Silty Clay LOAM			1		
PID:145			2	.6	
			2	S/15	30
		-15	1		
PID:60			1	.5	
			2	B	31
PID:108			1		
PID:1	416.1 ▼		2	.6	30
Brown Loamy SAND	415.6			S/10	
					25
				NC	
Brown and Gray Silty Clay LOAM		-20			
Brown and Gray Silty Clay LOAM (continued)			2	.6	
PID:0.5			2	B	32
			3		
			3		
			4	.5	
			2	S/20	22
	410.1				
		-25	3		
Brown and Gray LOAM			3	.5	
			3	S/15	27
	406.6		2		
			4		
			7	NC	
Brown Fine SAND					
		-30	1		
			1		
See gradation #2NABUT, 30.5			1	NC	
	399.1	-35	35		
Broken Weathered LIMESTONE			50/7"	NC	
2.5 minutes			—		
2.5 minutes					
3 minutes					
3.5 minutes					
5 minutes		-40			

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 — SOIL BORING LOG

Division of Highways
Illinois Department of Transportation

Page 2 of 2

Date 5/25/00

ROUTE FAS 754 DESCRIPTION Park Street Bridge Overpass LOGGED BY Larry Ford

SECTION 4RS-2,4BR LOCATION , SEC. 27, TWP. 11S, RNG. 2W, 4 PM

COUNTY Calhoun DRILLING METHOD Hollow Stem HAMMER TYPE Automatic

STRUCT. NO. 007-0015
Station

BORING NO. #4SPier
Station 5+89
Offset 10.00ft Lt
Ground Surface Elev. 434.2 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 408.2 ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	Qu (tsf)	MOIST (%)
Brown Fine to Coarse SAND (continued)			3		
			6		
			11		
		-45	35		
			50/6"		
	388.2				
Borehole continued with rock coring.					
		-50			
		-55			
		-60			

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 — SOIL BORING LOG

Division of Highways
Illinois Department of Transportation

Page 2 of 2

Date 5/22/00

ROUTE FAS 754 DESCRIPTION Park Street Bridge Overpass LOGGED BY Larry Ford

SECTION 4RS-2,4BR LOCATION , SEC. 27, TWP. 11S, RNG. 2W, 4 PM

COUNTY Calhoun DRILLING METHOD Hollow Stem HAMMER TYPE Automatic

STRUCT. NO. 007-0015
Station

BORING NO. #2NABUT
Station 6+61
Offset 10.50ft Lt
Ground Surface Elev. 434.1 ft

Surface Water Elev. 422.4 ft
Stream Bed Elev. 422.2 ft

Groundwater Elev.:
First Encounter 416.1 ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	Qu (tsf)	MOIST (%)
3 minutes					
3 minutes					
3.5 minutes					
3.5 minutes					
(Tricone Roller Bit)	389.6				
End of Boring		-45			
		-50			
		-55			
		-60			

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

SOIL BORING LOGS

FAS ROUTE 754
SECTION 4RS-2,4BR
CALHOUN COUNTY