ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 731	*	GREENE	30	26
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
FEDERAL AID PROJECT				

* 01-00071-00-BR

CONTRACT NO. 97289

Sheet No. 22 of 23 Sheets

Illinois Department of Transportation

Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 4/21/04

ROUTE FAS 731 DESCRIPTION CH 2 over Apple Creek LOGGED BY Mark Schreader

SECTION 01-00071-00-BR LOCATION W 1/2, SEC. 15, TWP. 12N, RNG. 10W, 3 PM

COUNTY Greene DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 031-3002
Station
BORING NO. SB 5 Pier 1
Station 3+91
Offset 15.00ft Left
Ground Surface Elev. 79.44 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				Brown Silty LOAM
	2			
	3 3 S/20	1.0	27	
	1			
-5	1 1 S/20	0.6	33	
	0			
	1 1 S/20	1.2	32	
	0			
-10	0 0 S/20	0.5	33	
	0			
	0 0 S/20	0.8	32	
	0			
-15	0 1 S/20	0.8	32	
	1			
	2 2 S/20	1.8	23	
20.3	12			Gray Silty Clay LOAM
				Gray Silty Clay LOAM (continued)
	23 27 S/10	7.7	8	
	10			
	15 22 S/15	6.5	14	
-25	7 12 17	NR		
	16			
	27 36 S/15	3.3	12	
-30	5			
	9 14	NR		
-35	9 14 S/20	4.1	15	
-40	20			

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
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 2

Date 4/21/04

ROUTE FAS 731 DESCRIPTION CH 2 over Apple Creek LOGGED BY Mark Schreader

SECTION 01-00071-00-BR LOCATION W 1/2, SEC. 15, TWP. 12N, RNG. 10W, 3 PM

COUNTY Greene DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 031-3002
Station
BORING NO. SB 6 Pier 1
Station 3+91
Offset 15.00ft Left
Ground Surface Elev. 79.44 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				Gray Silty Clay LOAM (continued)
	18 21	4.5 P	13	
33.4				
				Gray SHALE
-45	5			
	10 22 S/20	3.6	23	
-50	80			
	50/3"	4.5 P	9	
-55	32			
	50/2"		6	
23.4				End of Boring
-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

Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 4/22/04

ROUTE FAS 731 DESCRIPTION CH 2 over Apple Creek LOGGED BY Mark Schreader

SECTION 01-00071-00-BR LOCATION W 1/2, SEC. 15, TWP. 12N, RNG. 10W, 3 PM

COUNTY Greene DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 031-3002
Station
BORING NO. SB 6 W. Abut
Station 2+98
Offset 65.00ft Left
Ground Surface Elev. 79.74 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 71.7 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				Brown Silty Clay LOAM
	2			
	2 3 S/20	1.2	28	
	0			
-5	0 2 S/20	0.8	30	
	0			
	0 0 S/20	0.5	31	
	0			
-10	0 4	NC	30	
	0			
	0 0 S/20	0.3	30	
	3			
	4 8 S/20	4.0	19	
-20	4			
				Brown Silty Clay LOAM (continued)
	10 14 S/20	4.4	16	
	5			
	9 12 S/20	4.5	17	
-25	4			
	6 10 S/20	3.1	NR	
	4			
	8 9 S/20	3.1	19	
-30	4			
	8 12 S/20	4.3	17	
-35	5			
	9 13 S/20	4.1	15	
-40	4			

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)

STA. 0+00 (BORINGS) = STA. 473+01.25 (PLANS)

BORINGS
F.A.S. 731 - C.H. 2
OVER APPLE CREEK
SECTION 01-00071-00-BR
GREENE COUNTY

FILE NAME: STRUCTURE PLANS (REV. 10/12/06)