ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 731	*	GREENE	30	24
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
FEDERAL AID PROJECT				

* 01-00071-00-BR

CONTRACT NO. 97289 Sheet No. 20 of 23 Sheets

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 4/15/04

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 2 Pier 3 (EX)
Station 5+64.5
Offset 25.00ft Left
Ground Surface Elev. 84.64 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 77.1 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Silty CLAY			
	2		
	4 5	1.5 S/20	27
89.1			
Brown Silt LOAM	1 3	0.8 S/20	26
	0		
	0 0	0.1 B	28
	0		
	0 0	0.5 B	28
	0		
	0 0	0.4 B	28
	1		
	1 1	1.0 S/20	29
67.6	0		
Gray SAND See Gradation @ 17.5 ft	0 3	NC	24
65.1 Gray Silty LOAM	0		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Silty LOAM *(continued)*	0 0	0.6 B	25
62.6	0		
Gray SAND See Gradation @ 22.5 ft	0 1	NC	22
59.1	0		
Gray SAND See Gradation @ 25 ft	0 0	NC	19
	3		
	6 7	NC	21
55.1	1		
Gray Silty LOAM	1 4	1.0 S/20	26
50.1	7		
Gray Loamy SAND	9 18	4.5 P	16
48.6 Gray SHALE			
	45		

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 4/15/04

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 2 Pier 3 (EX)
Station 5+64.5
Offset 25.00ft Left
Ground Surface Elev. 84.64 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 77.1 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray SHALE *(continued)*	50/3"	4.5 S/S	12
	35 50/5"		15
38.6 End of Boring			

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 4/16/04

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 3
Station 468+19
Offset 25.00ft Left
Ground Surface Elev. 495.32 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 487.3 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Silty CLAY			
	2		
	3 5	1.5 S/20	28
479.8			
	2		
	2 3	1.0 S/20	28
488.3	0		
Brown Silty LOAM	0 0	0.2 B	28
	0		
	0 2	0.2	26
483.3	0		
Brown SAND See Gradation @ 15 ft	0 2	NC	27
	0		
	0 1	NC	34
478.3	0		
Gray SAND See Gradation @ 17.5 ft	1 1	NC	27
475.8 Gray Sandy LOAM	1		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Sandy LOAM *(continued)* See Gradation @ 20 ft	2 2	1.2 S/20	27
	2		
	2 3	NC	24
470.8	0		
Gray Silty LOAM	0 4	1.0 S/20	29
	0		
	0 2	0.8 B	30
	0		
	0 7	1.2 B	26
460.8	1		
Gray SAND See Gradation @ 35 ft	3 7	NC	19

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. 10/13/06)