

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 4 4 SHEETS
FAP 95	6RS-2	JASPER	546	267	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-		

Contract No. 94437

Illinois Department of Transportation
Division of Highways
Solvey Geotechnical, Inc.

SOIL BORING LOG

Page 1 of 2
Date 10/7/04

ROUTE FAP 95 DESCRIPTION Culverts on IL Route 33 between Effingham and Newton LOGGED BY Bossler/Kinsella

SECTION (5.0)Y, RS-2, 6BR-7 LOCATION SEC. 23, TWP. 7N, RNG. 8E, 3rd PM

COUNTY Jasper DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140-pound Automatic

STRUCT. NO. _____
Station _____

BORING NO. 7
Station 917+42
Offset 49.00ft Left
Ground Surface Elev. 570.31 ft

DEPTH (ft)	BULGE (ft)	SHEAR (tsf)	PENETRATION (%)	SOIL DESCRIPTION			
				D	B	U	M
3	1.5	22.8					
4	B						
5	B						
2	1.2	19.4					
2	B						
1	0.6	22.7					
2	B						
1	0.5	19.2					
3	B						
1	0.5	14.7					
3	B						
4							
12	3.1	11.2					
16	S						
7	3.6	12.3					
13	S						
17	S						
4							
12	3.7	11.2					
16	S						

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

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

Gray-Brown SILTY CLAY
Dark Gray-Brown SILTY CLAY LOAM (continued)
-Dark Gray-Brown 3.0 to 5.5 Feet
Brown CLAY LOAM
Dark Gray-Brown SILTY CLAY LOAM LL=29, PL=14, PI=15
End of Boring

562.31
559.81
540.31

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)

RRS from 117 (Rev 8.00)

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Page 1 of 2
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ROUTE FAP 95 DESCRIPTION Culverts on IL Route 33 between Effingham and Newton LOGGED BY Bossler/Kinsella

SECTION (5.0)Y, RS-2, 6BR-7 LOCATION SEC. 23, TWP. 7N, RNG. 8E, 3rd PM

COUNTY Jasper DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140-pound Automatic

STRUCT. NO. _____
Station _____

BORING NO. 8
Station 917+49
Offset 28.00ft Right
Ground Surface Elev. 589.10 ft

DEPTH (ft)	BULGE (ft)	SHEAR (tsf)	PENETRATION (%)	SOIL DESCRIPTION			
				D	B	U	M
1	0.5	29.0					
2	B						
3							
1	0.6	19.6					
2	B						
3							
1	0.4	25.4					
2	B						
1	1.3	23.7					
2	P						
1	1.6	13.7					
5	B						
8							
10	3.5	7.5					
28	P						
47							
6	4.0	9.7					
14	S						
21	S						
4	2.8	11.8					
10	S						
15	S						

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

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

Dark Gray-Brown SILTY CLAY
Gray-Brown SILTY CLAY LOAM (continued)
Dark Gray-Brown CLAY LOAM
-Very Dark Gray 5.5 to 8.0 Feet
Gray-Brown below 8.0 Feet
Brown SILTY LOAM
Gray-Brown SILTY CLAY LOAM
End of Boring

586.10
556.10
553.80
539.10

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)

RRS from 117 (Rev 8.00)

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS
IL RTE 33 OVER DRAINAGE DITCH
FAP 95
SECTION 6RS-2
STA. 917+44.52
JASPER COUNTY
S.N. 040-8300

SCALE: VERT. _____
HORIZ. _____
DATE: 11/29/04

DRAWN BY: LANDREY
DESIGNED BY: SANFORD
CHECKED BY: WATKINS

COMPUTER FILE NO.
SN040-8300_BOR

PROJECT 01256
2/26/10-FAV

GREENE & BRADFORD, INC.
OF SPRINGFIELD

REGISTERED PROFESSIONAL ENGINEER
NO. 040-8300

REVISIONS	
NAME	DATE