STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 313	(7BY)BR	HENDERSON	68	34
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 20
21 SHEETS

Contract #68149

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 10/10/00

ROUTE FAP 313 (US 34) DESCRIPTION US 34 OVER P.D. CREEK LOGGED BY DPS

SECTION (7BY) BR LOCATION SW 1/4,NW1/4, SEC. 29, TWP. 10 N, RNG. 5 W, 4th PM

COUNTY HENDERSON DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. (EXIST): 036-0002 (PROP) N/A
Station 301+37

BORING NO. 2 (PIER)
Station 301+37
Offset 21.00ft RT
Ground Surface Elev. 532.68 ft

Surface Water Elev. 529.56 ft
Stream Bed Elev. 529.19 ft

Groundwater Elev.:
First Encounter 528.2 ft ▼
Upon Completion 1" ft
After 24 Hrs. 529.5 ft ▽

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
NO SAMPLE TAKEN 0-1.5'					
Brown & Gray SILTY CLAY LOAM	531.18		1		
			1	0.25	32
			1	B	
Brown & Gray SANDY CLAY LOAM	528.68		H		
		-5	1		23
			1		
Gray SILTY CLAY	523.68		1		
		-10	2	0.87	25
			2	B	
Gray SANDY CLAY LOAM	521.18		2		
			2	0.22	29
			1	B	
Brown SAND	518.68		2		
		-15	3		24
			1		
Brown SAND & GRAVEL	516.18		2		
			2		6
			2		
		-20	3		
Brown SAND & GRAVEL (continued)			3		21
			3		
			5		20
			10		
			5		
		-25	6		11
			10		
Gray SAND	506.18		3		
			5		23
			9		
Gray GRAVEL	503.68		24		
		-30	16		9
			6		
Gray CLAY LOAM TILL	501.18		2		
			4	1.81	16
			5	B	
			3		
		-35	3	1.90	16
			7	B	
			3		
		-40	7		

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)

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SOIL BORING LOG

Page 2 of 2

Date 10/10/00

ROUTE FAP 313 (US 34) DESCRIPTION US 34 OVER P.D. CREEK LOGGED BY DPS

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Groundwater Elev.:
First Encounter 528.2 ft ▼
Upon Completion 1" ft
After 24 Hrs. 529.5 ft ▽

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray CLAY LOAM TILL (continued)			10	3.71	14
				B	
			3		
			5	2.27	14
			7	B	
			3		
		-45	5	1.90	14
			6	B	
Gray CLAY LOAM	486.18		2		
			3	1.90	27
			4	B	
			3		
		-50	3	1.24	23
			5	B	
Brown & Gray SAND & GRAVEL	481.18		1		
			1		20
			4		
			6		
		-55	5		22
			8		
			11		
			13		12
			13		
			2		
		-60	8		
Brown & Gray SAND & GRAVEL (continued)			7		10
			10		
			12		16
			12		
			5		
		-65	6		23
			9		
			20		
			19		9
			13		
			7		
		-70	9		7
			10		
			9		
			16		14
			23		
			3		
		-75	7		17
			14		
* Hole Collapsed @ 22' End of Boring	457.18				
		-80			

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)

BORING 2

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS
3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400
ELGIN • SPRINGFIELD

PROJECT NUMBER: 12 44 0001 1		DATE: 11/19/07
DESIGNED: D.A.B.	CHECKED: M.G.B.	DRAWN: D.T.M.

BORING 2
U.S. 34 OVER P.D. CREEK
F.A.P. 313 / SECTION (7BY)BR
HENDERSON COUNTY
STRUCTURE NO. 036-0052 / STATION 301+23