STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Γ	RGUTE NO.	SECTION	co	JNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. S4					
	F.A.P. 798	*	F0	RD	92	39	S4	SHEETS				
Γ	FED. ROAD DIST.	ND. 7	ILLINDIS	FEO. AID PR	DJECT-	L						

* 107-BR,108-BR,108-BR-1 Contract # 66698

(W)	Illinois Department of Transportation
The state of the s	District #3, Othava

SOIL BORING LOG

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Date ___10/6/05

Disardo se, Carava									
ROUTE FAP 798 (IL 115)	DES	CRIPTIO	ě		IL 115 over Drainage Ditch		LOGGED	Y <u>Lam</u>	Myers
SECTION (107) BR		LOCA	TION .	NE 1/4	1. SEC. 9, TWP. 26N, RNG. 91	E. 3 ¹ PM			
COUNTY Ford D	RILLING I	VIETHOD		Но	llow Stem Auger H/	WIMER TYPE	CME	automa	ntic
STRUCT. NO. 027-0039 Station 024+09		D B E L P O	U G S	M	Surface Water Elev. Stream Bed Elev.	666.67 ft	D E	G	M O
BORRING NO. #1: NW quad Station 23+75 Offset 27.00ft Rt		T W H S	Qu	S	Groundwater Elev.: First Encounter Upon Completion	fit fit \/	T V	Cau	S
Ground Surface Elev. 674.92 Augered, brown to black, Sifty Clay fill			(ist)	ne de la compa	After Hrs. Medium, gray, loamy, fine, coarse, Gravel with layers of fine to coarse, (continued)	Sand to	(fft) (J6		14.1
Stiff, brown to gray. Sitly Clay	_	2 3 3	2.0 P	25.2			6		14.7
Stiff, gray, Stity Clay Loam Till	668.42	1 2 2	1.0 P	25.0	Hard. gray. Silt to Loam Till	650.4	2 - 7 -25 7 - 21	>4.5	21.3
		3 4 4	1.3 B	14.1			30	>4.5	E.C.
	<u>\(\frac{\fir}{\fint}}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}}}}}{\frac{\fir}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}</u>	3 3	1.5 B	14.3			30 2°	7.4	9.0
	1000	2 4 5	1.9 B	14.5					
Stiff, gray, Silt and fine. Sand	660.42	-15 3 -15 3	1.5 P	21.0		638.9	35 15 25 2 25	5.1	8.0
Loose, gray, loarny, fine, Sand to coarse. Gravel	658.42	3 4 5	,	8.2	End of Boring	9.00.9	6		
	655.52							PRODUKANO SPRENCISANO	

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 TZ06)

BBS, from 137 (Rev. 8-99)

DESIGNED	GBC/GMK	200
CHECKED	GBC/SMK/GMK	EXAMINED
DRAWN	RR	PASSED ENGINEER OF BRIDGE DESIG
CHECKED	SMK	ENGINEER OF BRIDGES AND STRUCTURE

SECTION 107) BR	District #6, Octawa ROUTE FAP 798 (IL 115)	DESC	RIPTION	i		IL 115 over Drainage Ditch	LOGGI		10/	
COUNTY Ford DRILLING METHOD Hellow Stem Auger HAMMER TYPE CAME automatic STRUCT. NO. C37-0039 Station D24+09 P O S I Stream Bed Elev. G86 67 ft E L C C C Stream Bed Elev. G86 67 ft E L C C C C C C C C C										
Station 024409 E									utoma	tic
Hard, black, Silty Clay fill 3 852.81 2 7 2.0 12 12 12 13 14 15 15 15 15 15 15 15	Station 024+09 30RING NO. #2: SE quad Station 24+43 Offset 35,00R Lt Ground Surface Elev. 675,61			C s	S	Stream Bed Elev. ft Groundwater Elev.: First Encounter ft Upon Completion 664.6 ft After Hrs. ft Medium gray, fine. Sand to coarse,	WPTH	L W S (培門) 7	C s	M 0 - S T (%
Very stiff, brown to gray, Silty clay	lard, black, Silty Clay fill	673.11	3	1	8.0	652.	81		2.0	12
Stiff, brown to gray. Silty Clay Loam Till 3	ery stiff, brown to gray, Silty clay coam Till	-	3	1	18.3		-25	5 17	3.0	11.
Very stiff, gray. Sifty Clay Loam Till 3 15 21 4.6 8. 25 S	itiff, brown to gray, Silty Clay Loam ill		6	1	16.6			30	5 3	13.
7 3.5 13.0	/ery stiff, gray, Sitty Clay Loam Till	665,61 -1 V	3		17.2		-30	21	,	8.
2 1.0 19.2 15 15 2 25 6.0 8. 27 2 P 36 S	Niff brown Situath miner Clev		8	1	13.0					
	ы. жан ош пина сау		2 2		19.2	End of Baring	<u>-35</u>	25	1	8.5

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. 8-89)

SOIL BORING LOGS
ILLINOIS ROUTE 115 OVER DRAINAGE DITCH
F.A.P. ROUTE 798 - SECTION 107-BR
FORD COUNTY
STATION 24+09.00
EXISTING STRUCTURE NO. 027-0039
PROPOSED STRUCTURE NO. 027-2014

Scale: None August 2008