

HOLCOMB FOUNDATION ENGINEERING INC.
P.O. Box 88 618-529-5262
Carbondale, Il. 62903 618-457-8991 fax Page 1 of 2

Bridge Foundation Boring Log

Project: H-06069 Bridge Over Otter Pond Ditch Date: 04/10/06
Section: 05-00102-00-BR Station 5+09
Route: _____ Bored by: J. Carter
County: Lawrence Checked By: J. Holcomb

Boring No. <u>1</u>	Station: _____	Offset: _____	Surface Water Elev. _____			Ground Water Elev. _____		
			Elevation	N	Qu tsf	Elevation	N	Qu tsf
			During Drilling <u>408.6</u>			Upon Completion <u>plugged</u>		
Ground Surface <u>419.6</u>			0			SAND (continued)		
6" Oil and Chip <u>419.1</u>								
Gray Mottled Brown Sandy CLAY (A-6)								
			4	0.88	17	-25	16	9
			6	1.08	21	-39	14	
			3	0.88	30	-30	22	13
			6	0.68	18			
408.6								
Gray Fine SAND (A-2-4)								
			13		8	-35	13	2.0S 16
						Gray Sandy CLAY (A-6)		
			18		9			
			17		10	-40	11	2.5B 13
			12		14			
			18		18		35	1.2B 15

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
Qu-Unconfined Compressive Strength in tons/sq.ft.
w-Water Content-percentage of oven dry weight-%
B = Bulge Failure
S = Shear Failure
E = Estimated Value
P = Penetrometer

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			Elevation	N	Qu tsf	Elevation	N	Qu tsf
			During Drilling <u>408.6</u>			Upon Completion <u>plugged</u>		
Sandy CLAY (continued)								
371.1								
Gray SHALE								
			100			-50	5	2.3S 12
			100			-41		13
			100			-21		10
365.6								
End of Boring @ -54.0'						-55		

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DESIGNED - S.M.S.
CHECKED - S.W.M.
DRAWN - D.T.M.
CHECKED - D.A.B.

BORING 1

BORINGS
STRUCTURE NO. 051-3283

HAMPSON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 548-3400 PROJECT NUMBER: 08 0148.130 DATE: 01/15/09	SHEET NO. 8 9 SHEETS	C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		17	05-00102-00-BR	LAWRENCE	12	11
		CONTRACT NO. 95581				
		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		