

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

Bridge Foundation Boring Log

Project: H-08083 Bridge _____ Date: 5-6-08
Section: 06-08134-00-BR Station _____
Structure: 097-3064 Bored by: D. Russell
County: White Checked By: T. Holcomb

Boring No:	Elevation	N	Qu tsf	w %	Surface Water Elev.	Elevation	N	Qu tsf	w %
1									
Station:					Ground Water Elev. 363.54				
Offset:					During Drilling 70.9				
					Upon Completion 377.54				
					84.9				
Ground Surface 392.54-00.9	0				silty clay (continued)				
3" Crushed Stone 392.34-00.7									
Brown Sandy CLAY (A-6)		3	0.9S	15	368.54-76.9		4	1.4B	26
					366.04-73.4				
		3	0.9S	23			5	1.2B	22
Brown Mottled Gray Sandy CLAY (A-6)		1	0.2B	29			5	1.4B	22
Gray Mottled Brown Sandy CLAY (A-6)		4	0.8S	20	360.54-67.9				
		4	0.9B	23					
		5	1.2S	29					
Gray Mottled Brown Silty CLAY to CLAY (A-6)		6	2.0S	26	353.54-60.9				
		5	1.4B	29					
Gray Mott. Brown Silty CLAY(A-6)		4	1.1B	27					

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

BORING 1

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

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Boring No:	Elevation	N	Qu tsf	w %	Surface Water Elev.	Elevation	N	Qu tsf	w %
2									
Station:					Ground Water Elev. 353.54				
Offset:					During Drilling 60.9				
					Upon Completion plugged				
Ground Surface 392.54-00.9	0				silty clay (continued)				
3" Crushed Stone 392.34-00.7									
Brown Clayey SAND (A-2-4)		13	1.0S	15	368.54-75.9		6	1.6B	24
					366.04-73.4				
		8		14			3	1.7B	22
Gray Mottled Brown Sandy CLAY (A-6)		8	1.4S	21			3	1.0B	21
Brown Sandy CLAY (A-6)		6	0.8B	22					
		5	1.3S	26					
		5	2.2B	25					
Gray Mottled Brown Silty CLAY to Clayey SILT (A-6 to A-4) with sand		5	1.3S	26	358.54-65.9				
		5	2.2B	25					
		5	1.4B	27	353.54-60.9				
		5	1.9B	28					
Gray Silty CLAY (A-6) with sand		1	1.0B	32					

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P = Penetrometer

BORING 2

BORINGS
STRUCTURE NO. 097-3256

HAMPTON, LENZINI & RENWICK, INC. <small>CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS</small> HLR 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 545-3400 PROJECT NUMBER: 06.0260.130 DATE: 10/15/09	SHEET NO. 8	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	8 SHEETS	128	06-08134-00-BR	WHITE	12	12
		INDIAN CREEK ROAD DISTRICT		CONTRACT NO. 99373		
		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT BROS-193(30)		