

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: <u>H-09190</u> Bridge <u>Co Rd 100 E</u> Date: <u>8/3/09</u>				Section: <u>07-08137-00-BR</u> Station _____ Bored by: <u>D. Russell</u>				Structure: _____			
County: <u>White</u> Checked By: <u>T. Holcomb</u>				Boring No: <u>1</u>				Surface Water Elev. _____			
Station: _____				Ground Water Elev. <u>354.4</u>				Elevation N Qu tsf w %			
Offset: _____				Upon Completion <u>346.4</u>				Elevation N Qu tsf w %			
Ground Surface <u>379.4</u> 0				sandy clay (continued)							
4" Topsoil											
Brown Mottled Gray Silty CLAY (A-6)											
<u>375.4</u>				<u>352.9</u>							
Gray Silty CLAY (A-6) to Clayey SILT (A-4)				Gray Clayey SAND (A-2-4)							
2 0.6B 27				1 0.1B 2B							
6 1.4S 22				6 -- 18							
4 1.0B 27											
5 1.8S 24				10 -- 15							
<u>365.4</u>											
Gray Mottled Brown CLAY (A-6)											
7 2.1B 24											
<u>362.9</u>				<u>340.4</u>							
Brown Mottled Gray Silty CLAY (A-6)				Gray Clayey SAND (A-2-4) with gravel							
7 2.4S 27				14 -- 18							
<u>360.4</u>											
Gray Silty CLAY (A-6)											
8 1.6S 34											
<u>357.9</u>				<u>335.4</u>							
Gray Sandy CLAY (A-6)				Gray Sandy CLAY (A-6)							
2 0.6B 19											
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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sandy clay (continued)				shale (continued)							
<u>330.4</u>				<u>307.4</u>							
Gray CLAY (A-7-6)				End of Boring @ -72.0'							
-50 7 1.2S 42											
<u>325.4</u>											
Gray Mottled Brown Sandy CLAY (A-6)											
-55 50 3.4S 18											
-60 43 2.9S 18											
<u>315.4</u>											
Gray-Brown Weathered SHALE											
-65 54 3.7S 14											
<u>312.9</u>											
Gray SHALE											
-70 100 / 3' -- 7											
-75 100 / 2'											
-80											
-85											
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DESIGNED - A.S.L.
CHECKED - S.W.M.
DRAWN - D.T.M.
CHECKED - S.W.M.

BORING 1

BORINGS
STRUCTURE NO. 097-3273

HAMPTON, LENZINI AND RENWICK, INC. CIVIL ENGINEERS - STRUCTURAL ENGINEERS - LAND SURVEYORS 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 217.546.3400 www.hlrengineering.com 144.000000 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION PROJECT NUMBER: 09.0056.130 DATE: 02/10/11	SHEET NO. 8	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	9 SHEETS	28A	07-08137-00-BR	WHITE	13	12
			INDIAN CREEK ROAD DISTRICT		CONTRACT NO. 99441	
			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT BR05-193(38)	