

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-09056</u> Bridge <u>Co Rd 600 N</u> Date: <u>3/11/09</u>				Section: <u>08-07120-00-BR</u> Station _____				Bored by: <u>D. Russell</u>			
Structure: _____				Checked By: <u>J. Holcomb</u>				County: <u>White</u>			
Boring No: <u>1</u>		Station: _____		Surface Water Elev. _____		Ground Water Elev. <u>372.56</u>		Elevation N Qu tsf w %		Elevation N Qu tsf w %	
Offset: _____		_____		During Drilling <u>89.6</u>		Upon Completion <u>plugged</u>		_____		_____	
<u>382.56</u> 89.6		0		sandy clay (continued)		_____		_____		_____	
Brown Mottled Gray Silty CLAY to Clayey SILT (A-6 to A-4)											
_____		7		1.15		20		_____		_____	
<u>378.56</u> 95.6		2		0.65		26		_____		_____	
Brown Clayey SILT (A-6)											
_____		4		1.55		24		_____		_____	
<u>376.06</u> 93.1		4		1.55		24		_____		_____	
Gray Mottled Brown Silty CLAY (A-6)											
_____		6		2.55		28		_____		_____	
<u>371.06</u> 88.1		4		1.45		30		_____		_____	
Gray Sandy SILT (A-4)											
_____		4		1.25		30		_____		_____	
_____		3		1.05		29		_____		_____	
<u>343.56</u> 60.6		3		1.05		29		_____		_____	
Gray CLAY (A-7-6)											
_____		2		0.98		28		_____		_____	
<u>363.56</u> 80.6		2		0.98		28		_____		_____	
Gray Silty CLAY (A-6)											
_____		6		1.08		16		_____		_____	
<u>361.06</u> 78.1		6		1.08		16		_____		_____	
Gray-Brown Sandy CLAY (A-6)											

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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Offset: _____		_____		During Drilling <u>89.6</u>		Upon Completion <u>plugged</u>		_____		_____	
<u>313.56</u> 30.6		100		shale (continued)		_____		_____		_____	
clay (continued)											
_____		4.5		1.45		47		_____		_____	
<u>328.56</u> 45.6		11		1.78		19		_____		_____	
Gray Mottled Brown Sandy CLAY (A-6)											
_____		5		0.58		48		_____		_____	
<u>316.56</u> 33.6		100		4.85		13		_____		_____	
Gray Mottled Brown SHALE											
_____		100		7.6		7		_____		_____	
Gray SHALE											

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

BORING 1

**BORINGS
STRUCTURE NO. 097-3267**

HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS  3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400	SHEET NO. 8	FAS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	9 SHEETS	890	08-07120-00-BR	WHITE	12	11
PROJECT NUMBER: 09.0074.130 DATE: 07/08/09	HERALDS PRAIRIE ROAD DISTRICT		CONTRACT NO. 99408			
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT BROS-0193(042)		