

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-08069 Bridge over Ten Mile Creek Date: 4/24/08
Section: 07-08126-00-BR Station: _____ Bored by: D. Russell
Struct. 3075 Checked By: J. Holcomb
County: Hamilton

Boring No. <u>1</u>	Station: _____	Offset: _____	Surface Water Elev. _____			Elevation	N	Qu tsf	w %	Elevation	N	Qu tsf	w %	
			Ground Water Elev. <u>397.22</u>											
			During Drilling <u>82.0</u>											
			Upon Completion <u>87.0</u>											
Ground Surface <u>416.22-99.0</u>			(shale cont.)											
2" Crushed Stone														
Brown Silty CLAY to Clayey SILT (A-6 to A-4) with sand														
			<u>391.72-74.5</u>											
			End of Boring @ <u>-24.5'</u>											
<u>409.72-92.5</u>			Brown Mottled Gray Sandy CLAY (A-6) to Clayey SILT (A-4) with sand											
<u>404.72-87.5</u>			Gray Mottled Brown Sandy CLAY (A-6)											
<u>402.22-85.0</u>			Brown Clayey SAND (A-4) CLAY (A-6) with sand											
<u>399.72-82.5</u>			Gray Mottled Brown Silty CLAY (A-6)											
<u>397.22-80.0</u>			Gray Sandy SHALE											

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

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County: Hamilton


Boring No. <u>2</u>	Station: _____	Offset: _____	Surface Water Elev. _____			Elevation	N	Qu tsf	w %	Elevation	N	Qu tsf	w %	
			Ground Water Elev. <u>none</u>											
			During Drilling <u>none</u>											
			Upon Completion <u>none</u>											
Ground Surface <u>416.12-100.9</u>														
2" Crushed Stone														
Brown Silty CLAY to Clayey SILT (A-6 to A-4)														
<u>411.62-94.4</u>			Brown Weathered SANDSTONE											
<u>409.12-91.9</u>			Brown Mottled Gray SANDSTONE											
<u>406.62-89.4</u>			Gray SHALE											
<u>405.12-87.9</u>			End of Boring @ <u>-13.0'</u>											

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 2

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

**BORINGS
STRUCTURE NO. 033-3308**

HAMPTON, LENZINI & RENWICK, INC. <small>CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS</small>  3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 548-3400	SHEET NO. 9 9 SHEETS	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		200	07-08126-00-BR	HAMILTON	13	13
		McLEANSBORO ROAD DISTRICT			CONTRACT NO. 99356	
PROJECT NUMBER: 08.0103.130	DATE: 01/21/09	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT BROS-065(050)	