

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-08108 Bridge _____ Date: 6/10/08
Section: _____ Station _____
Route: St. Joseph Road Bored by: D. Russell
County: Gallatin Checked By: T. Holcomb

Boring No: 1
Station: _____
Offset: _____

Elevation	N	Qu tsf	w %	Surface Water Elev.			
				Elevation	N	Qu tsf	w %
				Ground Water Elev. During Drilling	93.8		
				Upon Completion	96.8		
Ground Surface (354.8) 99.8	0						
2" A-3 Surf./ 3" C. Stone 99.1							
Brown Clayey SILT (A-4) (354.1)		25	1.25	19			
(350.8) 95.8							
Brown Silty CLAY (A-6)	-5	9		17			
(348.3) 93.3							
Gray to Brown SANDSTONE	100/8"			15			
	100/8"			8			
(343.3) 88.3							
End of Boring @ -11.5'				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

BORING 1

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

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Project: H-08108 Bridge _____ Date: 6/10/08
Section: _____ Station _____
Route: St. Joseph Road Bored by: D. Russell
County: Gallatin Checked By: T. Holcomb

Boring No: 2
Station: _____
Offset: _____

Elevation	N	Qu tsf	w %	Surface Water Elev.			
				Elevation	N	Qu tsf	w %
				Ground Water Elev. During Drilling	91.7		
				Upon Completion	96.7		
Ground Surface (355.7) 100.7	0						
2" A-3 Surf./ 3" C. Stone 100.0							
Brown Sandy SILT (A-4) (355.0) w/ concrete rubble		4		10			
(351.7) 96.7							
Brown Sandy CLAY (A-6)	-5	2	0.38	22			
(349.2) 94.2							
Gray to Brown Sandy SILT (A-4)	4	1.08		23			
(346.2) 91.2		100					
Gray to Brown SANDSTONE 90.7	-10/4"			10			
End of Boring @ -10.0'							
(345.7)							

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

**BORINGS
STRUCTURE NO. 030-3126**

HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS HLR 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400 PROJECT NUMBER: 06.0190.130 DATE: 10/14/08	SHEET NO.	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	98	98	06-04109-00-BR	GALLATIN	17	17
SHEETS	EQUALITY ROAD DISTRICT		CONTRACT NO. 99353		ILLINOIS FED. AID PROJECT	