

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

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Bridge Foundation Boring Log

Project: H-06318 Bridge _____ Date: 12/13/06
Section: 04-00112-00-BR Station _____
Route: CHB Bored by: D. Russell
County: Richland Checked By: J. Holcomb

Boring No: 1 W. ABUT
Station: ~ 7+08
Offset: ~ 8.5' RT
BOR CAP ELEV 414.7

Elevation	N	Qu tsf	w	Surface Water Elev.		Elevation	N	Qu tsf	w
				During Drilling	Upon Completion				
413.8	0					391.3			
412.8						387.8			
	5	1.18	23			387.8	4	1.18	28
	3	0.58	25				1		26
	8	1.55	22				wh		25
	4	1.08	24						
402.8						380.3			
	8	2.78	20				9		26
	12	1.78	23						
397.3						375.3	100		11
	6	1.05	23						
394.8						ESTIMATED RESIDUAL 372.3	100		18
	6		28						
392.3						369.8	100		13
	2	0.78	45						

End of Boring @ -44.0'

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 B-1

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Bridge Foundation Boring Log

Project: H-06318 Bridge _____ Date: 12/13/06
Section: 04-00112-00-BR Station _____
Route: CHB Bored by: D. Russell
County: Richland Checked By: J. Holcomb

Boring No: 2 E. ABUT
Station: ~ 8+08
Offset: ~ BOLT

Elevation	N	Qu tsf	w	Surface Water Elev.		Elevation	N	Qu tsf	w
				During Drilling	Upon Completion				
419.1	0								
418.2									
	4	1.15	23			394.6	100	4.55	10
	3	0.38	19			392.6	100		12
	3	0.48	20				100		7
	4	0.48	21						
	9	0.95	18						
	8	1.28	21						
	6	1.05	23						
	18	4.35	13						
	21	3.75	12						

End of Boring @ -30.0'

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 B-2

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS

HLR

3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-81-0002-1 DATE: 04/02/07
DESIGNED: T.P.L. CHECKED: J.L.B. DRAWN: P.J.L.

BORINGS

SECTION 04-00112-00-BR
COUNTY HIGHWAY 8
RICHLAND COUNTY
STRUCTURE NO. 080-3213 / STATION 7+58