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

Bridge Foundation Boring Log

Project: H-09056 Bridge Co Rd 600 N Date: 3/11/09
Section: 08-07120-00-BR Station
Structure:
County: White Bored by: D. Russell
Checked By: T. Holcomb

Boring No: 2
Station:
Offset:

Surface Water Elev.
Ground Water Elev. During Drilling Dry
Upon Completion Dry

Elevation	N	Qu tsf	w %	
383.06 ~~390.1~~				Ground Surface
	5	0.7S	24	Brown Clayey SILT (A-4) with sand
	2	0.7S	21	
	2	0.4B	26	
374.06 ~~91.1~~				
	9	2.7S	25	Gray Mottled Brown Silty CLAY (A-6)
	4	0.8B	35	
369.06 ~~86.1~~				
	3	1.2B	28	Gray Silty CLAY (CL)
	3	1.0B	28	
	3	0.9B	29	
361.56 ~~78.6~~				
	7	2.3B	20	Gray-Brown Silty CLAY (A-6)
356.56 ~~73.6~~				silty clay (continued)
	9	2.1B	21	
	10	2.3S	19	Gray Sandy CLAY (A-6)
	13	2.9S	15	
	15	4.3B	16	
344.06 ~~61.1~~				
	8	1.9S	30	Gray CLAY (A-7-6)

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

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

Bridge Foundation Boring Log

Project: H-09056 Bridge Co Rd 600 N Date: 3/11/09
Section: 08-07120-00-BR Station
Structure:
County: White Bored by: D. Russell
Checked By: T. Holcomb

Boring No: 2
Station:
Offset:

Surface Water Elev.
Ground Water Elev. During Drilling Dry
Upon Completion Dry

Elevation	N	Qu tsf	w %	
	4	0.7S	48	clay (continued)
	5	0.8B	49	
	6	0.9B	45	
	11	2.2B	28	
319.06 ~~36.1~~				
	100/6"	---	9	Brown Mottled Gray SHALE
317.06 ~~34.1~~				
	100/6"	---	6	Gray SHALE
	100/6"	---	8	shale (continued)
311.56 ~~28.6~~				
				End of Boring @ -71.5'

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

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

PROJECT NUMBER: 09.0074.130 DATE: 07/08/09

SHEET NO. 9
9 SHEETS

FAS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
890	08-07120-00-BR	WHITE	12	12
HERALDS PRAIRIE ROAD DISTRICT		CONTRACT NO. 99408		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT BROS-0193(042)		