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

Bridge Foundation Boring Log

Project: H-08193 Bridge
Section: 07-03119-00-BR Station
Structure: 097-3106 Date: 9-2-08
County: White Bored by: D. Russell
Checked By: T. Holcomb

Boring No: 1
Station:
Offset:

Surface Water Elev.
Ground Water Elev. 353.41 ~~91.7~~
During Drilling
Upon Completion 357.41 ~~95.7~~

Elevation	N	Qu tsf	w %	Material
361.41 ~~99.7~~				Ground Surface
360.61 ~~98.9~~				10" Crushed Stone and Cinders
	10	0.6B	10	Brown Sandy CLAY (A-6) with crushed stone
357.41 ~~95.7~~				
	5	1.3S	29	Gray CLAY (A-6)
354.91 ~~93.2~~				
	1	0.5S	92	Gray Mottled Brown Silty CLAY to Clayey SILT (A-6 to A-4)
352.41 ~~90.7~~				
	0	0.4S	92	Gray Silty CLAY to Clayey SILT (A-6 to A-4)
349.91 ~~88.2~~				
	0	0.3B	56	Gray Mottled Brown CLAY (A-7-6)
347.41 ~~85.7~~				
	4	--	20	Gray Silty CLAY (A-6) with sand
344.91 ~~83.2~~				
	4	--	25	Gray Fine to Medium SAND (A-2-4)
339.91 ~~78.2~~				
	19	--	22	Gray Clayey SAND (A-2-4)
334.91 ~~73.2~~				clayey sand (continued)
	20	--	27	
	18	--	21	Gray Medium to Coarse SAND (A-2-4)
	21	--	17	
	23	--	19	
	15	--	11	

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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Elevation	N	Qu tsf	w %	Material
	21	--	24	sand (continued)
	20	--	10	
	17	--	12	
	22	--	15	
	28	--	12	
	29	--	11	sand (continued)
286.41 ~~24.7~~	32	--	10	
				End of Boring @ -75.0'

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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. 097-3265

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS
3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400
PROJECT NUMBER: 08.0256.130 DATE: 02/25/09

SHEET NO. 8
9 SHEETS

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
269	07-03119-00-BR	WHITE	12	11
EMMA ROAD DISTRICT		CONTRACT NO. 99370		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT BROS-193(35)		