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

Page 1 of 2

Bridge Foundation Boring Log

Project: H-08274
Section: 08-15143-00-BR
Structure: 096-3220
County: Wayne
Bridge on CR 2750 E
Station 4+89
Date: 12/19/08
Bored by: D. Russell
Checked By: T. Holcomb

Boring No: 1
Station: 5+16
Offset: 0'

Surface Water Elev.
Ground Water Elev. During Drilling 343.6
Upon Completion 350.6

Elevation	N	Qu tsf	w %
Ground Surface 381.6 / 0			
5" Crushed Stone 381.2			
Gray Sandy CLAY (A-6)	24	3.7S	15
377.6			
Gray Mottled Brown Sandy CLAY (A-6) -5	13	--	12
	6	1.7B	22
-10	7	1.4B	22
	4	1.3S	25
-15	2	0.4B	27
365.1			
Gray Mottled Brown CLAY (A-7-6)	5	1.2S	39
-20	3	1.3S	47
	2	1.4B	37
clayey sand (continued)			
357.6			
Gray Sandy CLAY (A-6) -25	2	0.9B	37
	3	1.0S	28
-30	0	0.7S	34
	6	1.0B	27
-35			
342.6			
Gray Clayey SAND (A-2-4) -40	2	0.6B	28
337.6			
Gray Fine to Medium SAND			

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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Bridge Foundation Boring Log

Project: H-08274
Section: 08-15143-00-BR
Structure: 096-3220
County: Wayne
Bridge on CR 2750 E
Station 4+96
Date: 12/19/08
Bored by: D. Russell
Checked By: T. Holcomb

Boring No: 1
Station: 5+16
Offset: 0'

Surface Water Elev.
Ground Water Elev. During Drilling 343.6
Upon Completion 350.6

Elevation	N	Qu tsf	w %
(A-2-4) continued	45	6 --	22
-50	19	--	24
-55	33	--	19
322.6			
Gray Silty CLAY (A-6) to Highly Weathered SHALE -60	40	3.1B	21
318.1			
Gray Mottled Brown SANDSTONE	100/5"	--	16
-65			
	100/5"	--	18
312.6			
End of Boring @ -69.0'	100/3"	--	17
-70			
-75			
-80			
-85			

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

BORING 1

BORINGS
STRUCTURE NO. 096-3451

HAMPTON, LENZINI AND RENWICK, INC.
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SPRINGFIELD, ILLINOIS 62703
217.546.3400 www.hlrengineering.com
184.000869
ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION

PROJECT NUMBER: 09.0060.130 DATE: 06/22/09

SHEET NO. 9
10 SHEETS

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
622	08-15143-00-BR	WAYNE	14	13
LEECH ROAD DISTRICT		CONTRACT NO. 95607		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		