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

Bridge Foundation Boring Log

Project: H-08274 Bridge on CR 2750 E Date: 12/23/08
Section: 08-15143-00-BR Station 4+89 Bored by: D. Russell
Structure: 096-3220 Checked By: T. Holcomb
County: Wayne

Boring No: 2
Station: 4+64
Offset: 2' LT.

Surface Water Elev. ---
Ground Water Elev. During Drilling 337.8
Upon Completion ---

Elevation	N	Qu tsf	w %	Description
381.8				Ground Surface
381.3				6" Crushed Stone
				Gray Mottled Brown Sandy CLAY (A-6)
	14	1.9S	13	
-5	9	---	20	
373.8				
	4	0.2B	26	Gray Mottled Brown Silty CLAY (A-6)
-10	4	0.9B	22	
	4	1.3B	23	
-15	5	1.2B	26	
	5	0.6B	24	
-20	4	0.8B	38	
360.3				
	4	0.7B	41	Gray Sandy CLAY (A-6)
				sandy clay (continued)
-25	3	0.6B	32	
355.8				
				Gray Clayey SILT (A-4)
	2	0.3S	36	
-30	1	0.3S	36	
347.8				
	5	0.5B	27	Gray Silty CLAY (A-6) with sand
-35				
342.8				
	3	0.7B	24	Gray Sandy CLAY (A-6)
-40				
337.8				
				Gray Silty SAND (A-2-4)

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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Surface Water Elev. ---
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Upon Completion ---

Elevation	N	Qu tsf	w %	Description
				(silty sand continued)
-45	8	---	25	
312.8				
	100/3"	---	18	End of Boring @ -69.0'
-50	10	---	23	
327.8				
				Gray Fine to Medium SAND (A-2-4)
-55	16	---	21	
-60	25	0.5B	18	
318.3				
	100/6"	---	20	Gray SANDSTONE
-65				
	100/5"	---	17	

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

BORING 2

BORINGS
STRUCTURE NO. 096-3451

HAMPTON, LENZINI AND RENWICK, INC.
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217.546.3400 www.hlrengineering.com
184.000959
ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION
PROJECT NUMBER: 09.0060.130 DATE: 06/22/09

SHEET NO. 10
10 SHEETS

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