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

Bridge Foundation Boring Log

Project: H-08040
Section: 06-15142-00-BR
Route: 700 N
County: Wayne
Bridge Str. No. 096-3183
Station 2+41
Date: 3-10-08
Bored by: D. Russell
Checked By: T. Holcomb

Boring No. 2
Station: 2+17
Offset: 12' LT

Surface Water Elev.
Ground Water Elev. During Drilling 349.7
Upon Completion 373.3

Description	Elevation	N	Qu tsf	w %
Ground Surface 379.7	0			
6" Crushed Stone 379.2				
Gray Mottled Brown Silty CLAY (A-6)		5	1.75	26
375.7				
Gray Mottled Brown Fat CLAY (A-7-6)	5	7	1.18	30
		7	1.88	28
	10	12	2.85	23
		10	2.05	31
	15	9	2.48	31
		2	0.98	62
360.7				
Gray Silty CLAY (A-6) with sand	20	2	0.78	45
		2	--	28

Description	Elevation	N	Qu tsf	w %
clay (continued)				
	25	3	0.98	27
		2	0.58	24
	30	5	0.88	22
345.7				
Gray Clayey SAND (A-2-4)	35	5	1.28	17
340.7				
Gray Fine SAND (A-2-4)	40	24	--	28
		4	--	26

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.
Ground Water Elev. During Drilling
Upon Completion

Description	Elevation	N	Qu tsf	w %
sand (continued)	45			
	50	29	--	27
325.7				
Gray SILT (A-4)	55	22	0.55	27
320.7				
Gray Fine to Medium SAND (A-2-4)	60	30	-	20
315.7				
Gray Sandy CLAY (A-6)	65	24	3.43	18

Description	Elevation	N	Qu tsf	w %
clay (continued)				
	70	38	1.93	17
End of Boring				
	75			
	80			
	85			

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BORING 2

FILE NAME = 110294-sht-bridge.dgn	USER NAME =	DESIGNED - D.W.T.	REVISED -	STATE OF ILLINOIS WAYNE COUNTY HIGHWAY DEPARTMENT	BORINGS STRUCTURE NO. 096-3457	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3945 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62704		CHECKED - S.W.M.	REVISED -			493	06-15142-00-BR	WAYNE	13	13
	PLOT SCALE =	DRAWN - D.A.B.	REVISED -			LEECH ROAD DISTRICT		CONTRACT NO. 95695		
ILLINOIS PROFESSIONAL DESIGN FIRM 184-000589	PLOT DATE = 11/6/2012	CHECKED - S.W.M.	REVISED -		SHEET NO. 9 OF 9 SHEETS			ILLINOIS FED. AID PROJECT		