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

Bridge Foundation Boring Log

Project: H10062
Section: 06-04114-00-BR
Route: 500E
County: Wabash

Bridge Trib. to Fordice Creek
Station

Date: 4/5/10
Bored by: J. Carter
Checked By: T. Holcomb

Boring No: 1
Station:
Offset:

Surface Water Elev.
Ground Water Elev. During Drilling 381.3
Upon Completion 394.3

Description	Elevation	N	Qu tsf	w %
Ground Surface 399.8 / 2" A-3/ 8" C. Stone 399.3	0			
Gray Mottled Brown Silty CLAY (A-6)		7	2.1B	18
	-5	7	1.5S	32
		7	1.7S	29
	-10	6	1.7B	29
386.3 Brown Mottled Gray Sandy CLAY (A-6) with gravel		5	1.6B	24
	-15	7	1.4B	23
383.8 Gray Silty CLAY (A-6)		4	0.6B	28
	-20	3	0.9B	27
		5	1.5B	28
silty clay (continued) 376.3				
Gray to Brown Silty CLAY (A-6)	-25	5	1.7S	34
373.8 Gray Mottled Brown Silty CLAY (A-6) with sand and gravel		6	0.7S	49
	-30	9	2.8B	36
	-35	7	1.7B	24
361.3 Gray Sandy SILT (A-4)		14	0.8B	22
	-40			
356.3 Gray Silty CLAY (A-6)			0.9B	23

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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Description	Elevation	N	Qu tsf	w %
silty clay (continued)	-45			
350.3 Gray CLAY (A-6) with sand seams	-50	28	4.6B	12
	-55	42	0.5B	17
	-60	135	1.0S	11
334.8 End of Boring @ -65.0'	-65	97	1.0S	13
	-70			
	-75			
	-80			
	-85			

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BORING 1

FILE NAME = 100258-sht-bridge.dgn	USER NAME =	DESIGNED - V.J.H.	REVISED -	STATE OF ILLINOIS WABASH COUNTY HIGHWAY DEPARTMENT	BORINGS STRUCTURE NO. 093-3134 SHEET NO. 8 OF 9 SHEETS
HAMPTON, LENZINI AND RENWICK, INC. 3065 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959		CHECKED - S.W.M.	REVISED -		
	PLOT SCALE =	DRAWN - D.A.B.	REVISED -		
	PLOT DATE = 4/12/2011	CHECKED - S.W.M.	REVISED -		

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
52	06-04114-00-BR	WABASH	13	12
ROAD DISTRICT #4		CONTRACT NO. 95653		
ILLINOIS	FED. AID PROJECT			