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

Bridge Foundation Boring Log

Project: H-08072 Bridge
Section: 06-06109-00-BR Station
Structure: 093-3028
County: Wabash
Date: 5-5-08
Bored by: J. Carter
Checked By: T. Holcomb

Boring No: 1
Station:
Offset:

Surface Water Elev.
Ground Water Elev. During Drilling 396.65 / 73.7
Upon Completion plugged

Description	Elevation	N	Qu tsf	w %
Ground Surface 417.65 99.7	0			
6" Gravel 412.15 99.2				
Gray Mottled Brown Clayey SILT (A-4) with sand		6	2.5S	20
	-5	6	1.3S	24
93.7 411.65				
Gray Mottled Brown Silty CLAY (A-6) with sand		6	2.0S	25
91.2 409.15				
Brown Mottled Gray Silty CLAY (A-6) with sand	-10	7	1.9S	22
		5	1.2B	22
	-15	6	1.9B	21
82.7 400.65				
Gray Mottled Brown Silty CLAY (A-6) with sand		6	2.0S	22
	-20	5	2.9S	21
		7	1.7S	23

Description	Elevation	N	Qu tsf	w %
silty clay (continued)	-25	5	1.4S	35
73.2 391.15				
Brown Fine to Medium SAND (A-2-4)		12	---	24
71.2 389.15				
Gray Mottled Brown Sandy CLAY (A-6)	-30	19	3.4B	13
66.7 384.65				
Gray Silty CLAY (A-6) with sand and pebbles	-35	26	3.9S	10
61.2 379.15				
Brown Mottled Gray Silty CLAY (A-6) with sand and sandstone fragments	-40	36	5.9B	15
56.7 374.65				
Gray Weathered SHALE				

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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Upon Completion plugged

Description	Elevation	N	Qu tsf	w %
weathered shale (continued)	-45	69	1.6S	8
45.7 363.65				
Gray SHALE	-55	100/4"	7.4S	10
		100/3"	---	4
40.7 358.65		100/2"	---	3
End of Boring @ -59.0'	-60			

Description	Elevation	N	Qu tsf	w %
	-50	57	4.9S	12
	-70			
	-75			
	-60			
	-85			
	-65			

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

BORING 1

BORINGS
STRUCTURE NO. 093-3133

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS
3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

PROJECT NUMBER: 08.0207.130 DATE: 03/31/09

SHEET NO. 8
9 SHEETS

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
37	06-06109-00-BR	WABASH	14	12
		CONTRACT NO. 95584		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		