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: 5-6-08
Bored by: J. Carter
Checked By: T. Holcomb

Boring No: 2
Station:
Offset:

Surface Water Elev.
Ground Water Elev. During Drilling 389.45 / 71.5
Upon Completion 386.45 / 68.5

Description	Elevation	N	Qu tsf	w %
Ground Surface 417.45 99.5 / 6" Gravel 416.75 99.0	0			
Brown Mottled Gray Silty CLAY (A-6) with sand	97.5 415.45	6	1.45	20
Gray Mottled Brown Silty CLAY (A-6) with sand	-5	7	1.75	23
	92.5 410.45	6	2.0S	24
Gray Mottled Brown Silty CLAY (A-6)	-10	5	1.95	24
	88.0 405.95	7	1.38	22
Brown Mottled Gray Silty CLAY (A-6) with sand	-15	6	1.28	22
	83.0 400.95	7	2.25	21
Gray Mottled Brown Silty CLAY (A-6)	-20	5	1.75	23
		4	1.48	21
silty clay (continued)	-25	5	1.05	36
	73.5 391.95			
Brown Fine to Medium SAND (A-2-4)		8	---	22
	70.5 388.95			
Gray Mottled Brown Sandy CLAY (A-6)	-30	14	4.15	13
	-35	18	6.2S	11
	60.5 378.95			
Brown Mottled Gray Silty to Sandy CLAY (A-6)	-40	34	6.8S	14
	58.0 373.95			
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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Description	Elevation	N	Qu tsf	w %
weathered shale (continued)	45	59	---	4
	45.5 363.45			
Gray SHALE	-55	100/6"	1.8S	12
		100/4"	---	9
	40.5 358.45	100/3"	---	4
End of Boring @ -59.0'	-60			
	-65			
	-70			
	-75			
	-80			
	-85			

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BORING 2

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

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. 9
9 SHEETS

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
37	06-06109-00-BR	WABASH	14	13
		CONTRACT NO. 95584		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		