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

Page 1 of 2

Bridge Foundation Boring Log

Project: H-08115
Section: 08-18110-00-BR
Dist.: Orchard
County: Wayne

Bridge Over Brush Creek
Station

Date: 6-03-08
Bored by: D. Russell
Checked By: T. Holcomb

Boring No: 2
Station: 3+83
Offset: C.L.

Surface Water Elev.
Ground Water Elev. During Drilling 389.75
Upon Completion 397.75

Elevation	N	Qu tsf	w %
Ground Surface 433.75 / 6" C. Stone 433.25			
Brown Clayey SILT (A-4)	5	1.0S	23
	0	0.7S	29
427.25			
Brown Mottled Gray Clayey SAND (A-2-4)	1	---	23
	2	---	27
422.25			
Gray Mottled Brown Sandy CLAY (A-6)	2	0.6B	23
419.75			
Brown Mottled Gray Sandy CLAY (A-6)	4	1.4B	24
414.75			
Gray Sandy CLAY (A-6)	24	4.8S	15
	24	6.1S	14
	61	4.7B	14

Elevation	N	Qu tsf	w %
sandy clay (continued)			
	31	7.3B	13
	23	5.0B	14
	22	5.1B	15
399.75			
Gray Clayey SAND (A-2-4)	35	1.2S	17
394.75			
Gray Mottled Brown Sandy CLAY (A-6)	20	3.3S	13
	45	4.3S	11

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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Project: H-08115
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Route: Orchard
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Bridge Over Brush Creek
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Surface Water Elev.
Ground Water Elev. During Drilling 389.75
Upon Completion 397.75

Elevation	N	Qu tsf	w %
sandy clay (continued)			
	72	4.1S	14
	31	2.0S	15
	78	8.1B	11
374.75			
Gray Sandy CLAY (A-6)	31	2.3B	22
369.75			
Gray SHALE	137	---	10
367.75			
Gray LIMESTONE 367.25	100/2"		7
End of Boring @ -66.5'			

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"

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BORING 2

FILE NAME = 080246-sht-bridge.dgn	USER NAME =	DESIGNED - A.S.L.	REVISED -	STATE OF ILLINOIS WAYNE COUNTY HIGHWAY DEPARTMENT
HAMPTON, LENZINI AND RENWICK, INC. 3143 STEVENSON DRIVE, SUITE 101 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.005856	PLOT SCALE =	CHECKED - S.W.M.	REVISED -	BORINGS STRUCTURE NO. 096-3448 SHEET NO. 9 OF 9 SHEETS
	PLOT DATE = 10/29/2012	DRAWN - D.A.B.	REVISED -	
		CHECKED - S.W.M.	REVISED -	

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
167A	08-18110-00-BR	WAYNE	12	12
ORCHARD ROAD DISTRICT		CONTRACT NO. 95588		
ILLINOIS	FED. AID PROJECT			