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-08196
Section: 08-00091-00-BR
Dist.: Oblong
County: Crawford

Bridge Over Dogwood Creek
Station 4+07

Date: 1/12/09
Bored by: J. Carter
Checked By: T. Holcomb

Boring No: 2
Station: 3+45
Offset: 6' LT

Surface Water Elev.
Ground Water Elev. During Drilling 471.5
Upon Completion plugged

Elevation	N	Qu tsf	w %	
485.5				Ground Surface
484.8				5" A-3/ 4" C. Stone
	4	1.3S	13	Gray Mottled Brown Sandy SILT (A-4) w/ pebbles
-5	1	0.9S	20	
479.5				
	5	1.3S	22	Gray Mottled Brown Silty CLAY (A-6) w/ sand and pebbles
-10	5	1.5S	23	
	4	0.6B	23	
472.0				
-15	4	---	22	Gray Mottled Brown Sandy CLAY (A-6) to Clayey SAND (A-2-4)
469.5				
	5	---	19	Gray Mottled Brown Fine SAND (A-2-4)
-20	13	---	12	
	27	---	16	

Elevation	N	Qu tsf	w %	
				sand (continued)
462.0				
	51	5.8S	9	Gray Silty CLAY (A-6) w/ sand
-25				
	30	4.7S	11	
-30	36	6.9S	10	
	62	---	10	
-35				
447.0				
-40	100/3"	---	12	Gray Fine SAND (A-2-4)
	100/6"	---	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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Surface Water Elev.
Ground Water Elev. During Drilling 471.5
Upon Completion plugged

Elevation	N	Qu tsf	w %	
				sand (continued)
437.0				
	131	4.3B	10	Gray Silty CLAY (A-6) w/ sand
-50				
-55	48	6.6S	12	
425.5	30	4.1B	15	
-60				End of Boring @ -60.0'
-65				
-70				
-75				
-80				
-85				

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BORING 2

FILE NAME =	USER NAME =	DESIGNED - V.J.H.	REVISED -	STATE OF ILLINOIS CRAWFORD COUNTY HIGHWAY DEPARTMENT	BORINGS STRUCTURE NO. 017-3058	C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000669		CHECKED - S.W.M.	REVISED -			12	08-00091-00-BR	CRAWFORD	16	16
	PLOT SCALE =	DRAWN - D.A.B.	REVISED -		SHEET NO. 12 OF 12 SHEETS			CONTRACT NO. 95649		
	PLOT DATE = 2/10/2011	CHECKED - D.T.M.	REVISED -					ILLINOIS FED. AID PROJECT		