

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-09058 Bridge CH3 Date: 3/10/09
 Section: 09-00114-00-BR Station _____ Bored by: D. Russell
 Structure: _____ Checked By: J. Holcomb
 County: White

Boring No: 1
 Station: _____
 Offset: _____

Elevation	Z	Cu	tsf	%	Surface Water Elev.	Elevation	Z	Cu	tsf	%
387.2	0									
	8		4				-25	5	1.45	23
	3		6					4	1.05	38
380.7					358.2					
	8	0.68	26				-30	5	1.66	20
	1	0.38	30				-10			
375.7					353.2					
	4	1.66	28				-35	21	3.98	22
	3	1.38	25		350.7		-60	87		8
370.7							-40	45	5.25	14
	3	1.28	37				-20	3	1.28	32
	4	1.45	32		343.2		-65	100	76	11
	4	1.45	32							

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
 Ou - 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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 Structure: _____ Checked By: J. Holcomb
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Boring No: 1
 Station: _____
 Offset: _____

Elevation	Z	Cu	tsf	%	Surface Water Elev.	Elevation	Z	Cu	tsf	%
49.90			3.75	11			-70			
100			76	3.15	13					
336.2										
100			72		3		-75			
333.2										
100			71		3		-10	5	1.58	24
							-55			
376.0					353.5		-35	22	3.55	19
							-35	100	73	9
373.5							-15	2	1.58	25
371.0					349.0		100			7
							-40			
368.5					346.5		100			11

End of Boring @ -54.0'

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
 Ou - Unconfined Compressive Strength in tons/sq.ft.
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BORING 1

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Bridge Foundation Boring Log

Project: H-09058 Bridge CH3 Date: 3/10/09
 Section: 09-00114-00-BR Station _____ Bored by: D. Russell
 Structure: _____ Checked By: J. Holcomb
 County: White

Boring No: 2
 Station: _____
 Offset: _____

Elevation	Z	Cu	tsf	%	Surface Water Elev.	Elevation	Z	Cu	tsf	%
387.5	0									
	9	1.05	21				-25	5	1.65	36
	4	0.78	26		361.0			3	0.88	23
	4	0.88	20				-30	4	1.38	20
	5	1.58	24				-10			
376.0					353.5		-35	22	3.55	19
							-35	100	73	9
373.5							-15	2	1.58	25
371.0					349.0		100			7
							-40			
368.5					346.5		100			11

End of Boring @ -41.5'

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
 Ou - Unconfined Compressive Strength in tons/sq.ft.
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 E = Estimated Value
 P = Penetrometer

BORING 2

BORINGS
 STRUCTURE NO. 097-3268

DESIGNED - A.S.L.
CHECKED - S.W.M.
DRAWN - D.A.B.
CHECKED - S.W.M.

HAMPTON, LENZINI AND RENWICK, INC. CIVIL ENGINEERS - STRUCTURAL ENGINEERS - LAND SURVEYORS H&R 184.000958 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION PROJECT NUMBER: 09.0053.130 DATE: 07/27/10	SHEET NO. 8	F.A.S. 1884	SECTION 09-00114-00-BR	COUNTY WHITE	TOTAL SHEETS 12	SHEET NO. 12
	8 SHEETS	CONTRACT NO. 99431				
	FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			