

Bridge Foundation Boring Log

Project: H-08193 Bridge _____ Date: 9-2-08
Section: 07-03119-00-BR Station _____
Structure: 097-3106 Bored by: D. Russell
County: White Checked By: I. Holcomb

Boring No. <u>2</u>	Station	Offset	Surface Water Elev.			Ground Water Elev.		
			Elevation	N	Qu tsf	Elevation	N	Qu tsf
			348.1			87.1		
			357.81			97.1		
Ground Surface <u>361.81</u> 188.1			0			sand (continued)		
2" A-3/8" Crushed Stone <u>361.11</u> 89.4								
Gray Sandy CLAY (A-6)			7	1.65	40			
						24		13
						25		
Gray Silty CLAY to Clayey SILT (A-6 to A-4)			7	1.48	40			
						21		16
						21		
			2	0.65	74			
						33		16
						30		
			2	0.65	86			
						27		18
						35		
Gray Fine to Medium SAND (A-2-4)			6		25			
						24		12
						40		
			15		20			
						24		12
						40		
			17		19			
						24		12
						40		
Gray Med.-Coarse SAND (A-2-4)			19		18			
						24		12
						40		
			19		18			

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
P = Penetrometer
E = Estimated Value

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			357.81			97.1		
sand (continued)			45	21	18	sand (continued)		
						24		10
						70		
						24		10
						70		
			22		13			
						21		16
						21		
			2	0.65	74			
						33		16
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			2	0.65	86			
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DESIGNED - A.S.L.
CHECKED - S.W.M.
DRAWN - D.A.B.
CHECKED - D.T.M.

BORING 2

BORINGS
STRUCTURE NO. 097-3265

HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS HLR 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400 PROJECT NUMBER: 08.0256.130 DATE: 02/25/09	SHEET NO. 9	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	9 SHEETS	269	07-03119-00-BR	WHITE	12	12
			EMMA ROAD DISTRICT	CONTRACT NO. 99370		
			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT BROS-193(35)		