

HOLCOMB FOUNDATION ENGINEERING INC. P.O. Box 88 618-529-5262 Carbondale, IL 62903 618-457-8991 fax				Page 1 of 1			
Bridge Foundation Boring Log							
Project: H-07094 Section: 05-07106-00-BR Route: TR-68 County: Effingham		Bridge Mason Township Bridge Station: _____ Bored by: D. Russell Checked By: T. Holcomb		Date: 4-11-07			
Boring No: 1 Station: _____ Offset: _____		Surface Water Elev. _____ Ground Water Elev. _____ During Drilling: dry Upon Completion: plugged		Elevation N Qu tsf w % Elevation N Qu tsf w %			
Ground Surface 519.25 0 8" Crushed Stone 518.75 Brown Mottled Gray Silty CLAY (A-6) with sand and pebbles 515.75 Brown Mottled Gray Weathered SHALE 512.75 Gray Mottled Brown Weathered SHALE 505.75 Gray Weathered SANDSTONE 503.25 Gray SHALE 500.25 End of Boring @ -19.0'		3 0.88 25 5 --- 20 31 1.45 13 40 --- 12 38 7.45 17 100 / 5 --- 8 100 / 8 --- 7 100 / 4 --- 5		-25 -30 -35 -40			
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 F = Estimated Value P = Penetrometer			

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Boring No: 2 Station: _____ Offset: _____		Surface Water Elev. _____ Ground Water Elev. _____ During Drilling: 503.25 Upon Completion: plugged		Elevation N Qu tsf w % Elevation N Qu tsf w %			
Ground Surface 516.75 0 10" Crushed Stone and CLAY (A-6) 515.75 Brown Silty CLAY (A-6) with gravel 513.25 Brown Mottled Gray Silty CLAY (A-6) with sand 510.75 Brown Sandy CLAY to Clayey SAND (A-6 to A-2-4) 505.75 Brown Fine SAND (A-2-4) 500.25 Brown Mottled Gray Coarse SAND (A-2-4) 498.25 Gray SHALE 200 / 5 --- 11		shale continued 100 / 4 --- 7 492.75 13 1.48 20 3 1.48 24 3 0.85 18 2 0.75 20 3 --- 8 2 --- 20 7 --- 19 100 / 5 --- 11		End of Boring @ -24.0' -25 -30 -35 -40			
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 F = Estimated Value P = Penetrometer			

DESIGNED - JML	REVISED -
DRAWN - DJM	REVISED -
CHECKED - MSW	REVISED -
DATE - 06/22/09	REVISED -

EFFINGHAM COUNTY DEPARTMENT OF HIGHWAYS

SOIL BORING LOGS

SCALE: SHEET NO. 22 OF 25 SHEETS STA. TO STA.

**T.R. 68 OVER FULFER CREEK
SECTION 05-07106-00-BR
EFFINGHAM, COUNTY
STATION 9+96.25 STRUCTURE NO. 025-3318**

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	05-07106-00-BR	EFFINGHAM	25	22
				CONTRACT NO. 95593
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				