

HOLCOMB FOUNDATION ENGINEERING INC. P.O. Box 88 618-529-5262 Carbondale, Il. 62903 618-457-8991 fax											
Project: H-08073 Bridge _____						Date: 5-1-08					
Section: 07-00064-00-BR Station _____						Bored by: J. Carter					
Structure: 024-3083						Checked By: T. Holcomb					
County: Edwards						Page 1 of 1					
Bridge Foundation Boring Log											
Boring No. 1											
Station: _____											
Offset: _____											
Surface Water Elev. _____											
Ground Water Elev. <u>409.8</u>											
During Drilling <u>387.3</u>											
Upon Completion <u>plugged</u>											
Elevation	N	Qu	w	Elevation	N	Qu	w	Elevation	N	Qu	w
Ground Surface <u>421.3</u>	0										
2" A-3 Surface											
4" Crushed Stone <u>420.8</u>											
Brown Silty to Sandy CLAY (A-6)											
	4	0.75	24								
				-25	12	3.7B	14				
	3	0.4B	21								
				-5	11	2.9B	19				
<u>415.3</u>											
Gray Mottled Brown Sandy CLAY (A-6)											
	4	1.0S	19								
				-30	8	1.9B	28				
	3	0.7S	21								
				-10							
<u>409.8</u>											
Gray Fine to Medium SAND (A-2-4)											
	4		28								
				-35	23	2.3S	17				
<u>407.8</u>											
Gray Silty CLAY (A-6) with sand and pebbles											
	2	0.8B	27								
				-15							
	3	0.6B	22								
				-40							
	9	3.0B	16								
				-20							
	15	4.2B	14								
				-44.0							
End of Boring @ -44.0'											
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											


BORING 1

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

HOLCOMB FOUNDATION ENGINEERING INC. P.O. Box 88 618-529-5262 Carbondale, Il. 62903 618-457-8991 fax											
Project: H-08073 Bridge _____						Date: 5-1-08					
Section: 07-00064-00-BR Station _____						Bored by: J. Carter					
Structure: 024-3083						Checked By: T. Holcomb					
County: Edwards						Page 1 of 1					
Bridge Foundation Boring Log											
Boring No. 2											
Station: _____											
Offset: _____											
Surface Water Elev. _____											
Ground Water Elev. <u>410.4</u>											
During Drilling <u>387.9</u>											
Upon Completion <u>plugged</u>											
Elevation	N	Qu	w	Elevation	N	Qu	w	Elevation	N	Qu	w
Ground Surface <u>421.4</u>	0										
3" A-3 Surface											
4" Crushed Stone <u>420.8</u>											
Brown Sandy CLAY (A-6)											
	3	0.7S	21								
				-25	16	4.6B	14				
	3	0.6B	20								
				-5	12	2.4S	18				
<u>414.9</u>											
Gray Mottled Brown Sandy CLAY (A-6)											
	4	0.8B	20								
				-30	7	1.9S	32				
	2	1.0S	25								
				-10							
<u>410.4</u>											
Gray Fine to Medium SAND (A-2-4) with trace clay											
	3		22								
				-35	17	2.7S	17				
	2										
				-15							
<u>405.4</u>											
Gray Silty CLAY (A-6) with sand and pebbles											
	3	0.7B	34								
				-40	7						
	10	3.3B	17								
				-20							
	13	3.9B	14								
				-44.5							
End of Boring @ -44.5'											
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											

BORING 2

BORINGS
STRUCTURE NO. 024-3137

HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS  3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400	SHEET NO. 9 9 SHEETS	C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		4	07-00064-00-BR	EDWARDS	13	13
PROJECT NUMBER: 09.0047.130 DATE: 10/15/09		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 95606