

ROUTE FAS 662 (TR 61) DESCRIPTION TR 61 Extension-Embarras River Bridge LOGGED BY Ryan Keady  
 SECTION 01-00061-00-BR LOCATION E 1/2, SEC. 12, TWP. 10 N. RNG. 9 E, 3rd PM  
 COUNTY Cumberland DRILLING METHOD Hollow Stem Auger HAMMER TYPE Auto 140#

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	DEPTH (ft)	DIAMETER (in)	FAILURE MODE	UCS (tsf)	SPT (blows)	DESCRIPTION	DEPTH (ft)	DIAMETER (in)	FAILURE MODE	UCS (tsf)	SPT (blows)
081-3191	470+75	4 E. Pier	471+65	3.00ft LT.	531.17						Disturbed river bottom, loose, brown, very fine, sandy silt trace gravel.					
						2						527.67				
						5					Very stiff, brown gray sandy silt, little clay & trace gravel.					
						6	3.9	BS	9.3			525.17				
						9					Very stiff, gray brown, sandy silt, trace gravel & clay.					
						15	3.7	B	11.1			522.67				
						13	4.5	P	9.3		Very stiff to hard, gray fine sandy silt, trace clay & gravel.					
						18										
						7						508.17				
						15	4.8	BS	12.0							
						14										
						7										
						12	3.3		13.7							
						12		B								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
 BBS, from 137 (Rev. 8-99)

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081-3191	470+75	4 E. Pier	471+65	3.00ft LT.	531.17						Very stiff to hard, fine sandy, silty clay, trace gravel. (continued)					
						3						489.17				
						7	2.4	B	19.8							
						8		B								
						484.17					Very stiff, gray silty clay, trace sand & gravel, trace wood.					
						3						483.17				
						6					Medium dense, gray silty fine sand, saturated.					
						7			18.2							
						3						457.67				
						7	3.1	B	23.4		Loose, gray fine to medium sand, saturated.					
						8		B			-24 ft. blowin @ 76 ft. depth; jelled hole.					
						454.67					Very soft, gray shale.					
						473.17										
						4					Very stiff, gray brown, sandy silty clay, trace gravel & organics.					
						6	2.8		20.4							
						9		B								
						452.42					End of Boring					

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 BBS, from 137 (Rev. 8-99)

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LAYOUT	JMM	11/20/07
DRAWN	DAP	12/29/07
REVIEWED	JMM	02/04/08

**BORINGS (SHEET 3)**  
 F.A.S. 662 (TR 61) OVER EMBARRAS RIVER  
 CUMBERLAND COUNTY  
 SECTION 01-00061-00-BR  
 STA. 470+75.00  
 STRUCTURE NUMBER 018-3191  
 PROFESSIONAL DESIGN FIRM LICENSE #184-001084

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JOB NO.  
 0152021B  
 DATE  
 02/04/08