

JUST EAST OF THE NORTHWEST CORNER OF SEC. 15, T4S, R8E;

BRIDGE FOUNDATION BORING LOG

PROJECT: BRIDGE SKILLET FORK Date: JUNE 4, 1985
 ROUTE: FAS 882 (C.H.10) EXIST. STR. NO. 097-3030 Bored By: R. D. METHENEY
 SEC. 84-00059-00-BR STA. Checked By: J. J. KLAY
 COUNTY: WHITE

Boring No. 1, W. ABUT.
 Station SEE REMARKS
 Offset ON SHEET NO. 3

Elevation	N	Qu / s.f.	w (%)	Surface Water El.	Groundwater El. at Completion	After Hours
0				174.8	173.8	
378.2						
376.2	9	1.5 S	20			
372.2	14	1.5 E	18			
372.2	15	1.3 S	19			
369.7	21	2.1 S	23			
363.7	18	1.8 S	30			
363.7	14	1.3 S	22			
363.7	26	2.3 S	20			
351.2	27	2.6 S	27			
347.7	17	0.8 S	19			
343.7	7	0.7 S	25			
341.2	7	0.6 S	27			
338.7	3	0.2 B	30			
338.7	21	2.3 S	22			
338.7	21	2.3 S	25			
330.7	5					
328.7	14					
319.2	7					
309.2	16					


N - Standard Penetration Test - Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140# hammer fall 30".
 Qu - Unconfined Compressive Strength - t/sf
 w - Water Content - percentage
 Type failure: B - Bulge Failure, S - Shear Failure, E - Estimated Value

Elevation	N	Qu / s.f.	w (%)	FAS ROUTE 882 SEC. 84-00059-00-BR WHITE COUNTY EXIST. STR. NO. 097-3030	Elevation	N	Qu / s.f.	w (%)
333.7				VERY LOOSE, WET, FINE GRAIN, SAND				
330.7				LOOSE, WET, FINE GRAIN, SAND				
328.7				MEDIUM, WET, CEMENTED, FINE GRAIN, SANDY LOAM				
319.2				LOOSE TO MEDIUM, WET, FINE GRAIN, LOAM TO SANDY LOAM				
313.7				LOOSE, WET, FINE GRAIN, SANDY LOAM TO SAND				
309.2				MEDIUM, WET, CEMENTED, FINE GRAIN, SANDY LOAM TO SAND				
303.7				DENSE, VERY DAMP, CEMENTED, FINE GRAIN, SAND				
301.2				MEDIUM, VERY DAMP, SANDY CLAY LOAM WITH THIN SAND LENSES				
299.7				MEDIUM, VERY DAMP TO WET, FINE GRAIN, SAND				
294.7				LOOSE, VERY DAMP TO WET, FINE GRAIN, SANDY LOAM				
285.7				MEDIUM, VERY DAMP, FINE GRAIN, SAND				

Elevation	N	Qu / s.f.	w (%)	FAS ROUTE 882 SEC. 84-00059-00-BR WHITE COUNTY EXIST. STR. NO. 097-3030	Elevation	N	Qu / s.f.	w (%)
105.3				AUGERED FROM ELEVATION 105.3 TO ELEVATION 86.8				
86.8				EST. MEDIUM, SAND				
75.0				EST. VERY DENSE, CLAY SHALE				
86.8				EXTENT OF EXPLORATION *				
86.8				* ENCOUNTERED VERY HARD MATERIAL AT ELEVATION 86.8 EST. HARD SANDSTONE				

REMARKS:
 BORING LOCATION OF BORING NO. 1 IS 7.5' WEST OF WEST END OF EXISTING CONCRETE BRIDGE DECK AND 4.0 SOUTH OF EXISTING CENTERLINE.
 BENCH MARK IS THE CENTER OF THE EXISTING CONCRETE BRIDGE DECK.
 ELEVATION - 200.0 (RELATIVE)
 ELEV. 0365
 ELEV. 200.0 = 379.40

BORING 1

 <p>HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400</p>	<p>BORING 1 F.A.S. ROUTE 882 SECTION 84-00059-00-BR WHITE COUNTY STRUCTURE NO. 097-3186 / STATION 9+40</p>
	<p>ELGIN • SPRINGFIELD PROJECT NUMBER: 12-98-0013-1 DATE: 01/18/07 DESIGNED: M.G.B. CHECKED: S.W.M. DRAWN: D.B.</p>