

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BORING LOG B-1

REF 29

**BRIDGE FOUNDATION BORING LOG**

PROJECT P-02-013-74 BRIDGE Over Peconica River Date 12-11-75  
 ROUTE FA 401 Pier #3, E. Bound Bored By R. Burnell  
 SEC. 177-2B STA. 539+00 Checked By R. Wildman  
 COUNTY Stephenson

Elevation	N	Q <sub>u</sub> (t/sf)	Surface Water El.	Groundwater El. at Completion	After Hours	746.0	Elevation	N	Q <sub>u</sub> (t/sf)
Ground Surface							728.0		
Soft, Dry, Brown Silty Loam	5	8	Dense, Tan, Sand & Gravel						
Same As Above	11	1.1	Same As Above						
Very Dry, Brown Silty Loam	8	8	Same As Above						
Stiff, Brown Silty Clay Loam	6	1.4	Dense Tan Fine Sand Variable Size Gravel						
Soft, Moist, Dk. Gray Silty Clay Loam Sand Lenses	4	1.4	Same As Above						
Same As Above	2	.2	Fluid Tan Sand				744.0		
Fluid, Gray Sand (clean)	2		Loose Tan Sand (small amount of gravel)						
Same As Above	4		Same As Above						
Medium Gray Sand with Small Gravel	16		Very Dense Sand & Small Gravel						
Ground Surface							45.0		
Medium Gray Silt with Fine Sand Lenses	13	1.1							
Medium Tan Sand	30								
Same As Above	39								
Medium Tan Sand with Silt Lenses	45								
Same As Above	49								
Very Dense Tan Fractured Limestone with small amount of sand	100	1"					701.0		
Same As Above	100	10"					606.0		
End of Boring									

BORING LOG B-2

**BRIDGE FOUNDATION BORING LOG**

PROJECT P-02-013-74 BRIDGE over Peconica River Date 12-11-75  
 ROUTE FA 401 Pier #3, E. Bound Bored By R. Burnell  
 SEC. 177-2B STA. 539+00 Checked By R. Wildman  
 COUNTY Stephenson

Elevation	N	Q <sub>u</sub> (t/sf)	Surface Water El.	Groundwater El. at Completion	After Hours	747.0	Elevation	N	Q <sub>u</sub> (t/sf)
Ground Surface							741.0		
Medium Dry Brown Silty Clay Loam	10	.7	Fluid Tan Sand						
Stiff, Brown Silty Clay Loam	10	2.8	Medium Tan Sand with						
Very Stiff, Dry Brown Silty Clay Loam	11	3.1	Same As Above						
Soft, Moist Brown Silty Clay	5	.7	Same As Above						
Soft, Moist Gray Silt	6	.6	Same As Above						
Very Soft, Moist Sandy Silt with Sand Lenses	3	.5	Medium Tan Sand						
Fluid Gray Sand	8		Loose, Tan Sand with Small Amount of Gravel						
Fluid Gray Sand with Small Pea Gravel	3		Same As Above						
Fluid Tan Sand	3		Medium Tan Sand with small amount of gravel						
Ground Surface							45.0		
Medium Tan Sand	23								
Dense Tan Sand with small silt lenses	40								
Dense Tan Sand	31								
Loose, Tan Sand	12								
Medium Tan Sand with Small Amount of Fractured Limestone	21						701.0		
Very Dense Dirty Sand and Gravel with Fractured Limestone	82								
Same As Above	100								

BORING LOG B-3

Sheet 1 of 2

**BRIDGE FOUNDATION BORING LOG**

PROJECT P-02-013-74 BRIDGE FA 401 over Peconica River Date 12-11-75  
 ROUTE FA 401 Pier #3, E. Bound Bored By D. Grov  
 SEC. 177-2B STA. Pier #1, E. BL Checked By R. Wildman  
 COUNTY Stephenson

Elevation	N	Q <sub>u</sub> (t/sf)	Surface Water El.	Groundwater El. at Completion	After Hours	747.0	Elevation	N	Q <sub>u</sub> (t/sf)
Ground Surface							750.7		
Stiff, Brown Sandy Clay Loam	6	1.5	Soft, Gray Silty Clay, some sand seams						
Very Stiff, Brown Sandy Clay Loam	10	2.7	Medium Gray Sand & Gravel Dirty						
Soft, Brown Sandy Loam with some clean sand seams	13	.4	Medium Gray Clean Sand Coarse						
Same As Above	6	.3	Dense, Lt. Gray Sand & Gravel Clean				752.0		
Loose Brown Sand	5		Medium Lt. Gray Sand & Gravel Clean						
Same As Above	5		Dense, Lt. Gray Sand & Gravel Clean						
Same As Above	4		Medium Lt. Gray Sand Clean						
Same As Above	4		Dense, Lt. Gray Sand & Gravel Clean						
Loose Gray Sand & Gravel	6		Very Soft Gray Silt						
Ground Surface							45.0		
Medium Gray Sand	85								
Very Dense Limestone Gray to Red Decayed	100						712.0		
End of Boring									

T:\16814A\Struct\Cadd\Prefinal\US20 Bridge 089-0082 (Peconica River Bridge)\000000-64799-000-043.dgn  
25-JAN-2010 13:48

BORING LOGS I  
 E.A.P. ROUTE 301 SECTION 177-2B-1  
 STEPHENSON COUNTY  
 STATION 540+65.71  
 STRUCTURE NO. 089-0082

