

BRIDGE FOUNDATION BORING LOG

PROJECT Franklin Rd. Dist. **BRIDGE** Kishwaukee River **Date** 4-5-77

ROUTE McNeal Rd. **Bored By** Paul Wilson

SEC. Br.No. 4000 **STA.** _____ **Checked By** R. Wildman

COUNTY Dekalb

Boring No. B-1
Station 26+09
Offset 20'Lt

Elevation	N	Qu t/s.f.	w (%)	Surface Water El. _____	Elevation	N	Qu t/s.f.	w (%)
Ground Surface 729.6	0							
Stiff, Brown Silty Loam	7	B 1.0	24	Stiff, Gray Sandy Clay Till	-25	25	B 1.3	9
Stiff, Dk. Brown Silty Loam	9	B 1.25	29	Very Stiff, Gray Sandy Clay Till		25	S 2.8	9
Medium Brown Sandy Loam	6	B 0.8	22	Same As Above		27	S 2.7	9
722.6					-30			
Loose Coarse Sand & Fine Gravel	6			Very Stiff, Gray Sandy Clay Till		28	S 2.6	8
Medium Coarse Sand & Fine Gravel	21			Stiff, Gray Sandy Clay Till		28	S 1.3	7
Medium Coarse Sand	14			Same As Above	-35			
Dense Coarse Sand & Gravel	31			Very Stiff, Gray Sandy Clay Till		40	S 2.1	8
Very Dense Coarse Sand & Gravel 711.1	100	9"pene		Stiff, Gray Fine Silty Sand	-40			
Very Dense Coarse Sand & Gravel	100			Very Stiff, Gray Sandy Clay Till with 1/2" gravel		35	S 1.4	14
					-45			

N - Standard Penetration Test - Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140# hammer falling 30".

Qu - Unconfined Compressive Strength - t/sf
w - Water Content - percentage of oven dry weight - %.

Type failure:
B - Bulge Failure
S - Shear Failure
E - Estimated Value
P - Penetrometer

BRIDGE FOUNDATION BORING LOG

	Elevation	N	Qu t/s.f.	w (%)		Elevation	N	Qu t/s.f.	w (%)
	-45								
Stiff, Gray <u>Sandy Clay Till</u>		31	S 1.3	7					
Same As Above		32	S 1.3	8		-75			
	-50								
Same As Above		34	S 1.3	6					
Same As Above		42	S 1.0	8		-80			
	-55								
<u>Medium Gray Sandy Clay Till</u>		40	S 0.8	10					
<u>Dense Gray Sand & Gravel Conglomerate cemented with clay</u>		47		6		-85			
	-60								
<u>Very Dense Gray Sand & Gravel Conglomerate</u>		52							
Same As Above	665.6	61				-90			
End of Boring	-65								
	-70					-95			

BRIDGE FOUNDATION BORING LOG

PROJECT Franklin Rd. Dist. **BRIDGE** Kishwaukee River **Date** 4-6-77

ROUTE McNeal Rd. **Bored By** R. Burnell

SEC. Br.No. 4000 **STA.** _____ **Checked By** R. Wildman

COUNTY Dekalb

Boring No. B-2
Station 28+65
Offset 0

Elevation	N	Qu t/s.f.	w (%)	Surface Water El. <u>722.1</u>	Elevation	N	Qu t/s.f.	w (%)
Ground Surface 734.6	0							
6" road rock								
Medium Brown Sand Loam with Gravel	19	8		Very Hard, Gray Sandy Clay Till (dry:dense)	-25	59	9.7	7
Loose Brown Sand Loam with Gravel	9	8		Very Hard Gray Sandy Clay Till		57	6.1	9
Medium Brown Sand Loam with Gravel	11	12		Same As Above with Sand Lenses (dense)	-30	51	4.0	8
Loose Black Sand Loam	8	15		Same As Above		56	4.3	7
724.6	-10			End of Boring				
Soft, Gray Sandy Clay Till	11	.6	8		-35			
Hard Gray Sandy Clay Till (crumbly)	36	3.0	6					
Very Hard Gray Sandy Clay Till (very rocky)	100	5.0	7		-40			
Hard Gray Sandy Clay Till	60	3.7	8	*Probable Fill				
Very Hard Gray Sandy Clay Till	74	8.0	8		-45			

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