

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

Elevation	Blows per Foot	Qu.	Elevation	Blows per Foot	Qu.
Boring No. 1					
Boring located at Station 427+32, 44 Ft Lt Centerline.					
			Medium gray subangular well graded gravel.	24	
			616.5		
			615.5		
			614.5		
Surface of Ground.			614.0		
Stiff black silty clay.	19	1.76	613.0		
636.7			612.5		
635.0			611.5		
			610.5		
			609.0		
			608.0		
			607.5		
			606.5		
			605.5		
			604.5		
			604.0		
			604.0		
			603.5		
			603.0		
			601.5		
			600.5		
			599.5		
			599.0		
			598.0		
			597.5		
			596.5		
			595.5		
			594.5		
			594.0		
			593.0		
			591.5		
			590.5		

Elevation	Blows per Foot	Qu.	Elevation	Blows per Foot	Qu.
Boring No. 2					
Boring located at Station 426+07, 40 Ft Rt Centerline.					
			Medium gray subangular poorly graded gravel.	11	
			613.5		
			612.5		
			612.0		
			611.0		
			610.0		
			608.5		
			607.5		
			606.0		
			605.0		
			604.0		
			603.5		
			602.5		
			601.5		
			601.0		
			600.0		
			599.0		
			598.5		
			597.5		
			597.0		
			596.0		
			595.0		
			595.0		

Elevation	Blows per Foot	Qu.	Elevation	Blows per Foot	Qu.
Boring No. 3					
Boring located at Station 427+08, 44 Ft Rt Centerline.					
			604.5	14	
			603.5		
			602.0		
			601.5		
			599.5	20	
			598.5		
			619.5	12	
			618.5		
			614.5	15	
			613.5		
			589.5	24	
			588.5		
			609.5	14	
			608.5		
			586.5		
			584.5	62	
			583.5		
			582.5		
			582.0		
			581.0	58	
			579.5		
			578.5	47	
			578.0		
			577.0		
			576.0	33	5.31
			574.5		
			573.5	27	5.07

Elevation	Blows per Foot	Qu.	Elevation	Blows per Foot	Qu.
Boring No. 4					
Boring located at Station 426+78, 44 Ft Lt Centerline.					
			607.0		
			606.0	31	
			604.0		
			602.0		
			601.0	22	
			622.0	1	0.20
			621.0		
			619.5		
			618.5	1	0.24
			617.0	18	
			616.0		
			615.5		
			612.0	37	
			611.0		
			585.0		
			584.5		
			583.5	55	
			582.0		
			581.0	14	
			579.5		
			578.5	29	
			578.0		
			577.0		
			576.0	30	
			576.0		

Note: There is a rather extensive peat deposit to the west of the bridge. Peat will be noted in boring nos. 2 and 4. This material has been "shabby" tested and profiled by district personnel, and will probably have to be removed before fill placement.

Blows per foot = Penetration of Sampling Spoon.
Hammer Weight = 350 Lbs.
Drop = 12"
Qu = Unconfined Compressive Strength in Tons per square foot.

DESIGNED: R.K. Taylor
CHECKED: C.W. Glick
DRAWN: R.K.T.
CHECKED: C.W.L.

EXAMINED: A.V.G. 13 19 62
PASSED: W.E. Baumann
APPROVED:

BORING DATA
F.A.I. RT. 80 SEC. 06-2B-1
BUREAU COUNTY
STA. 426+69.5