

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

ROUTE NO. 6	SECTION 44HB, 44, 45	COUNTY JO DAVIESS	TOTAL SHEETS	SHEET NO.	SHEET NO. 10 10 SHEETS
			376	65	
			ILLINOIS	FED. AID PROJECT	

Boring No. 1	Station 403+45.5	Offset 2' Lt.	Surface Water El.	Hole filled with wash	Groundwater El. at Completion	After _____ Hours
Elevation	N	Qu / A. I. (%)				
Ground Surface 822.8	0					
5'iff, brown SILTY CLAY LOAM	5	1.05	17			Stopped Coring Revised Split spoon sampling
Very Stiff, brown SILTY CLAY	5	2.91	17			Dense, brown LIMESTONE SAND with clay lenses
Very Stiff, brown SILTY CLAY LOAM	18	2.68	19			Medium, brown LIMESTONE SAND with claylenses
As Above	14	2.33	20			Split spoon sampler rejected Cored 5.0" BROWN LIMESTONE Recovered 95%
Very Stiff, brown & tan CLAY	15	3.05	22			Stopped Coring
Sampler rejected Weathered limestone 007.8	15					Stopped Coring
Began coring Cored 14' limestone ledge 805.1						
Cored 8' Soft Material Probably Clay or Clayey limestone sand						

Boring No. 2	Station 403+44	Offset 12' Rt.	Surface Water El.	Groundwater El. at Completion	After _____ Hours
Elevation	N	Qu / A. I. (%)			
Ground Surface 821.8	0				
Very Stiff, brown SILTY CLAY	29	3.10	15		
Hard, brown SILTY CLAY	16	4.85	13		
Stiff, brown SILTY CLAY LOAM	13	1.71	24		
As Above	18	1.01	22		
As Above	21	1.86	21		
Very Stiff, brown SILTY CLAY LOAM	20	2.13	23		
Medium yellow brown LIMESTONE SAND with chunks weathered limestone					
As Above	15				
As Above	23				
As Above	21				

N-Standard Penetration Test - Slows per foot to drive 2"
O.D. Split Spoon Sampler 12" with 140# hammer falling 30"
Qu-Uncuffed Compressive Strength - 1/2' of
W-Water Content - percentage of oven dry weight - %
Type failure
B-Bulge Failure
S-Shear Failure
E-Estimated Value

JAN 27 19 67

DESIGNED <i>Larry S. Jantel</i>	EXAMINED <i>[Signature]</i>
CHECKED <i>[Signature]</i>	PASSED <i>[Signature]</i>
DRAWN <i>J. Kessler</i>	APPROVED <i>[Signature]</i>
CHECKED <i>[Signature]</i>	CHIEF TRAFFIC ENGINEER

BORING DATA
FA-6 (S.B.I. RT 5) SEC. 45
JO DAVIESS COUNTY
STATION 403+45W