


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 43 43 SHEETS
F.A.P. 301 (US 20)	(2HB -2)D	WINNEBAGO	107	65	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract #64B07



Illinois Department
of Transportation
Division of Highways
DOT

SOIL BORING LOG

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Date 1/27/06

ROUTE US Bypass 20 DESCRIPTION P92-069-05 Bypass 20 Bridge over Prairie Road, south edge of Rockford, 450' N. of Simpson Road LOGGED BY J. Stratling

SECTION 2HB-1 & 2 LOCATION Rockford Twp. - 4SW, SEC. , TWP. 43N, RNG. 1E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H S	B L O W S	U C S	M O D E	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft	Wash Upon Completion _____ ft	After _____ Hrs.	D E P T H S	B L O W S	U C S	M O D E
DENSE tan SANDY LOAM TILL	14			8						7			
	21									6			
	28									9			
	722.40									702.40			
HARD tan SANDY LOAM TILL	11									12			
	14	4.6		9						14			
	21	S								16			
	719.90									699.90			
HARD tan SANDY LOAM TILL	15									12			
	20	5.5		8						15			
	20	S								18			
	717.40									697.40			
HARD tan SANDY LOAM TILL	8									11			
	9	4.5		9						17			
	12	B								24			
	714.90									694.90			
VERY STIFF tan SANDY LOAM TILL	10									9			
	12	3.1								16			
	16	S								30			
	712.40									692.40			
STIFF gray SANDY LOAM TILL	3									15			
	6	1.5		10						21			
	9	B								24			
	709.90									689.90			
HARD brown CLAY LOAM TILL	7									15			
	15	4.8		11						22			
	22	S											
	707.40												
DENSE brown CLAY LOAM TILL with SAND lens	12												
	14												
	23												
	704.40												

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

DESIGNED <u>SSM</u>
CHECKED <u>JLA</u>
DRAWN <u>GYR</u>
CHECKED <u>SSM</u>

BORING LOGS
F.A.P. ROUTE 301 (US 20)
OVER PRAIRIE ROAD
SECTION (2HB-2)D
WINNEBAGO COUNTY
STATION 841+89.60
STRUCTURE NO. 101-0051 (W.B.)
STRUCTURE NO. 101-0052 (E.B.)