


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO. F.A.P. 301 (US 20)	SECTION (2HB-2)D	COUNTY WINNEBAGO	TOTAL SHEETS 107	SHEET NO. 64
FED. ROAD DIST. NO. 7			ILLINOIS	

SHEET NO. 42
43 SHEETS

Contract #64B07



Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

Page 1 of 2

Date 1/26/06


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. 1, TWP. 43N, RNG. 1E

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

STRUCT. NO. Station	BORING NO. Station	Offset 3.00ft LI CL	Ground Surface Elev. ft	Soil Description			D E P T H ft	B L O W S	U C S Qu	M O I S T %
				(ft)	(/6")	(1st)				
841+90	B-4b		763.2	MEDIUM brown SILTY CLAY LOAM	7		7			
				STIFF brown SANDY LOAM with GRAVEL	7		7			
				STIFF brown SANDY LOAM with GRAVEL	7		7			
				STIFF brown SANDY LOAM with GRAVEL	7		7			
				STIFF redish brown CLAY LOAM with SAND lens	7		7			
				STIFF dark brown SILTY CLAY LOAM	7		7			
				STIFF gray/brown SILTY CLAY LOAM with SAND lens	7		7			
				VERY STIFF gray SILTY CLAY LOAM	7		7			
				STIFF gray SILTY CLAY LOAM	7		7			

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)



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				(ft)	(/6")	(1st)				
841+90	B-4b		763.2	MEDIUM tan SANDY LOAM TILL	7		7			
				STIFF tan SANDY LOAM TILL	7		7			
				VERY STIFF tan SANDY LOAM TILL	7		7			
				VERY STIFF tan SANDY LOAM TILL with GRAVEL	7		7			
				MEDIUM tan dirty SAND & GRAVEL	7		7			
				HARD tan CLAY LOAM TILL	7		7			
				MEDIUM tan clean medium coarse SAND	7		7			
				HARD tan CLAY LOAM TILL with medium SAND lens	7		7			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	BORING NO. Station	Offset 2.00ft LI CL	Ground Surface Elev. ft	Soil Description			D E P T H ft	B L O W S	U C S Qu	M O I S T %
				(ft)	(/6")	(1st)				
841+90	B-5b		763.9	STIFF gray/brown LOAM with LIMESTONE	3		3			
				MEDIUM tan dirty SAND & GRAVEL	3		3			
				STIFF dark gray SANDY LOAM with SAND & GRAVEL lens	3		3			
				STIFF dark gray LOAM with bottom 6" weathered LIMESTONE	3		3			
				STIFF tall gray SANDY LOAM TILL	3		3			
				STIFF light gray SANDY LOAM TILL	3		3			
				VERY STIFF light gray SANDY LOAM TILL	3		3			
				DENSE tan SANDY LOAM TILL	3		3			

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 B-5b continued on Sheet 42

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.)

Plans Prepared by: Kudrna & Associates, Ltd.