

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 301 (US 20)	(2HB -2)D	WINNEBAGO	107	63
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT-		

Contract #64B07

Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG Page 2 of 2

ROUTE US Bypass 20 DESCRIPTION P92-069-05 Bypass 20 Bridge over Prairie Road edge of Rockford, 450' N. of Simpson Road LOGGED BY J. Stratling Date 1/24/06

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. 841+90 Station 841+90

BORING NO. B-2b Station 841+97 Offset 53.00ft RI CL Ground Surface Elev. 740.1 ft

DEPTH (ft)	U	M	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter Upon Completion (ft)	After (Hrs.)
18							
20							
26							
698.60							
19							
31							
35							
696.10							
14							
27							
32							
693.60							
-45							
-50							
-55							
-60							

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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SOIL BORING LOG Page 1 of 2

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 Date 1/25/06

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. 841+90 Station 841+90

BORING NO. B-3b Station 842+17 Offset 66.00ft RI CL Ground Surface Elev. 743.2 ft

DEPTH (ft)	U	M	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter Upon Completion (ft)	After (Hrs.)
13							
16							
24							
721.20							
4							
4							
4							
739.20							
4							
5							
5							
736.70							
5							
13							
9							
734.20							
2							
3							
5							
731.70							
6							
7							
10							
729.20							
5							
8							
9							
726.70							
5							
8							
16							
724.20							
-10							
-15							
-20							

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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SOIL BORING LOG Page 2 of 2

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 Date 1/25/06

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. 841+90 Station 841+90

BORING NO. B-3b Station 842+17 Offset 66.00ft RI CL Ground Surface Elev. 743.2 ft

DEPTH (ft)	U	M	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter Upon Completion (ft)	After (Hrs.)
22							
21							
24							
701.20							
6							
14							
27							
698.70							
40							
33							
31							
696.70							
6							
28							
41							
694.20							
-45							
-50							
-55							
-60							

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	SSM
CHECKED	JLA
DRAWN	GYR
CHECKED	SSM

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.