

District 2  
Schedule of Overhead Sign Structure Repair & Replacement

25101U20BL 023.1

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Illinois Department of Transportation

Division of Highways  
Illinois Department of Transportation/D-2

SOIL BORING LOG

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Date 3/27/07

ROUTE Bypass 20 DESCRIPTION P92-111-06 Overhead Sign Truss, .5 m. E. of Mulford LOGGED BY Byron Wetzel

SECTION LOCATION Cherry Valley Twp. - 10 NE. SEC. TWP. 43N. RNG. 2E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE C-45

STRUCT. NO.	Station	DEPTH (ft)	SOIL DESCRIPTION	UCS (tsf)	Failure Mode	SPT (blows)
B-1a	2835+00	94.20	TAN dense SAND & GRAVEL	1.1	P	25.0
		72.70				
B-1a	2835+00	91.70	BROWN stiff SILTY CLAY LOAM	3		
		90.20	TAN very dense SAND & GRAVEL	1.4	P	27.0
		87.20	BROWN soft SANDY LOAM with GRAVEL	0.3	P	19.0
B-1a	2835+00	85.20	BROWN loose dirty SAND & GRAVEL	1		
		82.70	TAN medium dirty SAND & GRAVEL	6		
B-1a	2835+00	80.20	TAN medium dirty SAND & GRAVEL	6		
		77.70	TAN dense SAND & GRAVEL	17		
B-1a	2835+00	75.20				
		72.70				

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

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Date 5/16/07

ROUTE Bypass 20 DESCRIPTION P92-111-06 Overhead Sign Truss, .5 m. E. of Mulford LOGGED BY Wally Garza

SECTION LOCATION Cherry Valley Twp. - 10 NE. SEC. TWP. 43N. RNG. 2E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53

STRUCT. NO.	Station	DEPTH (ft)	SOIL DESCRIPTION	UCS (tsf)	Failure Mode	SPT (blows)
B-2a	2831+80	100.00	STIFF brown SILTY CLAY LOAM	2.0	P	18.0
		97.50	VERY STIFF brown SILTY CLAY LOAM	6		
B-2a	2831+80	96.00	STIFF brown LOAM	2.5	B	23.0
		93.50	VERY SOFT brown SANDY LOAM	0.2	B	22.0
B-2a	2831+80	90.50	LOOSE tan moist dirty SAND	2		
		88.50	DENSE tan dirty SAND with clean medium SAND lens	4		
B-2a	2831+80	86.00	DENSE tan dirty SAND & GRAVEL	22		
		83.50	VERY DENSE tan well cemented SAND with medium GRAVEL	33		
B-2a	2831+80	81.00				
		78.50				

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)