

25037I074 L015.2

SIGN CONTRACT 46214
LOCATION 2-09



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

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Date 2/9/12

ROUTE I-74 DESCRIPTION I-74 Sign Truss Sign Truss, NB I-74, 1.1 m. S. of I-80 LOGGED BY W. Garza

SECTION LOCATION Colona Twp. - 24NW, SEC. , TWP. 17N, RNG. 1E

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

STRUCT. NO. 78
Station

BORING NO. B-3
Station 11' S
Offset 55.00ft E of NB CL
Ground Surface Elev. 98.80 ft

DEPTH (ft)	BLOW COUNT (bls)	UNCONFINED COMPRESSIVE STRENGTH (UCS) (tsf)	MOISTURE (%)	SOIL DESCRIPTION	DEPTH (ft)	BLOW COUNT (bls)	UNCONFINED COMPRESSIVE STRENGTH (UCS) (tsf)	MOISTURE (%)
77.80	4	B	40.0	MEDIUM gray SILTY LOAM with 11% ORGANICS (continued)	77.80	4	B	40.0
96.80	3			MEDIUM tan SILTY CLAY LOAM		0		
95.30	3	0.8	26.0		75.30	4	P	27.0
	4	B						
	3			STIFF tan SILTY CLAY LOAM		1		
92.80	3	1.2	28.0		72.30	4	B	28.0
	3	B						
	1			VERY SOFT tan SILTY LOAM		1		
90.30	1	0.1	32.0		70.30	3	1.4	26.0
	2	P				5	B	
	1			VERY SOFT tan SILTY LOAM		1		
87.80	1	0.2	26.0		67.80	4	B	24.0
	3	B						
	1			VERY SOFT gray SILT		2		
85.30	1	0.2	25.0		65.30	4	1.1	17.0
	4	B				6	B	
	2			MEDIUM gray SILT		3		
82.80	2	0.5	27.0		62.80	6	2.5	13.0
	4	B				10	B	
	1			MEDIUM gray SILTY LOAM				
80.30	2	0.5	28.0					
	3	B						
	1							

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)

FILE NAME *	USER NAME *	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -		Various	D-2 OVD SIGN STR REPL 13-01	Various	25	25
		DRAWN -	REVISED -		CONTRACT NO. 46214				
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT				