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Date 5/18/08

Illinois Department of Transportation
Division of Highways
Soils Department of Transportation

SOIL BORING LOG

ROUTE Bypass 20, FAP 301 DESCRIPTION P92-075-08 US 20, 7 m. E. of IL 2 LOGGED BY J. Stratton

SECTION 13, 41 R LOCATION Rockford Twp. - 11 NW, SEC., TWP. 43N, RNG. 1E

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

STRUCT. NO. 101-0059 & 0060
Station 492+30

BORING NO. B-3b
Station 492+22
Offset ft 6'
Ground Surface Elev. 708.4 ft

SOIL DESCRIPTION	DEPTH (ft)	(ft)	(ft)	(%)	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev. ft	First Encounter Upon Completion After Hrs.	U C S I	D P O S	B T W H	M O I S
SOFT brown SANDY LOAM	0	0.3			687.40	710.0	686.4	2				
MEDIUM brown SANDY LOAM	5	0.8			706.40							
LOOSE tan brown medium SAND	1				704.40							
MEDIUM tan brown clean medium SAND with GRAVEL	4				702.40							
VERY STIFF dark gray LOAM	10	2	3.5	11	699.40							
DENSE tan gray dirty SAND & GRAVEL	13				697.40							
MEDIUM dark gray SANDY LOAM	17				694.00							
SOFT dark gray SANDY LOAM	20	0.3		25	692.40							
SOFT gray SANDY LOAM	20				689.00							

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, form 137 (Rev. 8-99)

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MEDIUM tan SAND & GRAVEL (continued)	5				667.40							
Wash MEDIUM tan SANDY GRAVEL	3				664.90							
Wash MEDIUM tan medium coarse SAND	4				662.40							
Wash MEDIUM tan medium coarse SAND	8				659.90							
Wash MEDIUM tan medium coarse SAND	12				657.40							
Wash MEDIUM tan medium coarse SAND	10				654.00							
Wash MEDIUM tan medium coarse SAND	6				652.40							
End of Boring	6				649.00							

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, form 137 (Rev. 8-99)

Existing Sta. 492+33.69 = New Sta. 931+19.69

DESIGNED -	EXAMINED - <u>James F. [Signature]</u>	DATE - OCTOBER 4, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS STRUCTURE NO. 101-0197 (E.B.) & 101-0198 (W.B.)	F.A.P. RTE. 301	SECTION 3BR & 3BR-1	COUNTY WINNEBAGO	TOTAL SHEETS 290	SHEET NO. 224	
CHECKED -	PASSED - <u>[Signature]</u>	REVISED -			CONTRACT NO. 64D19					
DRAWN -	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED -			[ILLINOIS] FED. AID PROJECT					
CHECKED -					SHEET NO. 49 OF 50 SHEETS					