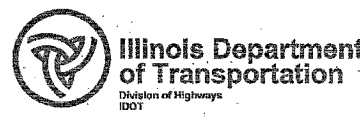


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*754	101M&TS	BOONE	95	47
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

SOIL BORINGS



SOIL BORING LOG

Date 1/23/06

ROUTE FA 754 DESCRIPTION P92-001-06 Light Foundation - W. of IL 76 and N. of Squaw Prairie Road LOGGED BY J. Strating
 SECTION 101M & TS LOCATION Belvidere Twp. - 14 NW, SEC. , TWP. 44N, RNG. 3E
 COUNTY Boone DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	DEPTHS	BULGE	UCS	M	Surface Water Elev.	DEPTHS	BULGE	UCS	M
Station	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
BORING NO. B-1					Groundwater Elev.:				
Station 37+73					First Encounter 77.0 ft				
Offset 17.00 ft Lt CL					Upon Completion 75.0 ft				
Ground Surface Elev. 99.0 ft					After _____ Hrs.				
MEDIUM dark brown SILTY CLAY LOAM			0.8 P	28	MEDIUM tan clean moist SAND with GRAVEL (continued)	78.00	7		
	97.00						9		
MEDIUM brown SILTY CLAY LOAM		2	1.0 P	29	MEDIUM tan clean medium SAND		4		
	95.50	5				75.50	8		
							12		
MEDIUM brown SANDY LOAM		1	0.5 P	21	MEDIUM tan clean medium SAND with GRAVEL		4		
	92.50	2				73.00	7		
		3			End of Boring		11		
MEDIUM tan clean medium SAND with GRAVEL		3							
	90.50	6							
		7							
Same as above		7							
	88.00	10							
		12							
Same as above		10							
	85.50	11							
		12							
Same as above		9							
	83.00	9							
		9							
Same as above		5							
	80.50	9							
		9							
		9							

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)



SOIL BORING LOG

Date 1/23/06

ROUTE FA 754 DESCRIPTION P92-001-06 Light Foundation - E. of IL 76 and S. of Squaw Prairie Road LOGGED BY J. Strating
 SECTION 101M & TS LOCATION Belvidere Twp. - 14 NW, SEC. , TWP. 44N, RNG. 3E
 COUNTY Boone DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	DEPTHS	BULGE	UCS	M	Surface Water Elev.	DEPTHS	BULGE	UCS	M
Station	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
BORING NO. B-2					Groundwater Elev.:				
Station 40+00					First Encounter 75.4 ft				
Offset 29.00 ft Lt CL					Upon Completion 9.9 ft				
Ground Surface Elev. 97.4 ft					After _____ Hrs.				
MEDIUM dark brown SILTY CLAY LOAM			0.8 P	26	MEDIUM tan moist clean medium SAND with GRAVEL (continued)	76.40	6		
	95.40						9		
STIFF brown SILTY CLAY LOAM		4	1.8 B	25	MEDIUM tan clean medium SAND with GRAVEL		5		
	93.40	5				73.90	8		
		4					10		
LOOSE tan clean medium SAND with GRAVEL		3			Same as above		4		
	91.40	2				71.40	10		
					End of Boring		13		
MEDIUM tan clean medium SAND with GRAVEL		4							
	88.90	4							
		7							
Same as above		4							
	86.40	5							
		10							
Same as above		6							
	83.90	7							
		10							
Same as above		7							
	81.40	11							
		14							
Same as above		7							
	78.90	10							
		13							

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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