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

SOIL BORING LOG

Date 11/1/06

ROUTE FAI 90 DESCRIPTION P92-066-06 I-90 Bridge over Dry Run Creek, .25 m. N. of Prairie Hill Road LOGGED BY W. Garza

SECTION (X2-1) RS-1 LOCATION Roscoe Twp. - 10 SW, SEC., TWP. 46N, RNG. 2E

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

STRUCT. NO.
Station 73+20

BORING NO. B-3
Station 73+57
Offset 78.00ft Rt Median CL
Ground Surface Elev. 90.00 ft

Surface Water Elev. 86.00 ft
Stream Bed Elev. 85.50 ft

Groundwater Elev.:
First Encounter 60.0 ft ▼
Upon Completion ft
After ___ Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY CLAY LOAM				0.8 P	26.0
	87.50		2		
VERY STIFF gray LOAM with fine SAND lens			2	0.3 B	17.0
			5		
	85.50				
LOOSE brown SAND		-5	2		
			2		
	83.50		3		
LOOSE tan fine SAND			3		
			2		
	81.00		3		
LOOSE tan fine SAND		-10	1		
			2		
			3		
MEDIUM tan clean medium coarse SAND	75.00	-15	2		
			4		
			7		
	70.00	-20			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LOOSE tan clean medium coarse SAND			1		
			3		
			5		
	65.00	-25			
LOOSE tan clean medium coarse SAND			2		
			4		
			5		
	60.00 ▼	-30			
MEDIUM tan fine SAND			0		
			4		
			15		
	55.00	-35			
MEDIUM tan clean medium coarse SAND with medium GRAVEL			3		
			4		
			7		
	50.00	-40			

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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Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LOOSE tan fine SAND			1		
			3		
			6		
	45.00	-45			
Wash MEDIUM tan clean medium coarse SAND			6		
			12		
			16		
	40.00	-50			
VERY DENSE tan fine SAND with medium GRAVEL			20		
			33		
			32		
	35.00	-55			
Wash DENSE tan clean medium coarse SAND with GRAVEL			10		
			14		
	33.50		20		
End of Boring					
		-60			

Soil Boring B-3

Soil Boring Log Ground Surface Elevation of 90.00 = Plan Elevation of 767.50

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)

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USER NAME =	DESIGNED - JTT	REVISED -	
	CHECKED - VAC	REVISED -	
PLOT SCALE =	DRAWN - JBB	REVISED -	
PLOT DATE =	CHECKED - JTT	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS III
STRUCTURE NO. 101-0193 & 101-0194
BRIDGE SHEET NO. 45 OF 48 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(X2-1)R	WINNEBAGO	510	390
		CONTRACT NO. 64C29		
		ILLINOIS FED. AID PROJECT		