



SOIL BORING LOG

Date 10/26/06

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.	DEPT	BLWS	UCS	MOIST	Surface Water Elev.	DEPT	BLWS	UCS	MOIST	
Station	H	S	Qu	T	ft	H	S	Qu	T	
73+20					86.00					
					85.50					
BORING NO. B-1					Groundwater Elev.:					
Station 72+75					First Encounter 67.1					
Offset 5.00ft Rt Median CL					Upon Completion					
Ground Surface Elev. 99.60	ft	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
MEDIUM dark brown LOAM			0.5	19.0	MEDIUM tan clean medium coarse SAND		3			
			P			78.10	4			
							6			
MEDIUM brown LOAM	4				MEDIUM tan clean medium coarse SAND with medium GRAVEL		3			
	3	0.8	15.0			75.60	5			
	2	P					8			
VERY STIFF dark gray SILTY CLAY LOAM	4				MEDIUM tan fine SAND		1			
	6	2.5	26.0			73.10	3			
	7	B					7			
MEDIUM gray/brown SILTY CLAY LOAM	3				MEDIUM tan fine SAND		1			
	4	0.6	19.0			70.60	6			
	5	P					6			
STIFF gray SANDY LOAM	2				MEDIUM tan fine SAND		3			
	3	1.3	17.0			68.10	5			
	5	P					7			
LOOSE tan SAND with medium GRAVEL	3				LOOSE tan fine SAND		1			
	3					66.60	3			
	3						6			
MEDIUM tan dry fine SAND	4				LOOSE tan clean medium coarse SAND		2			
	5					63.10	3			
	6						5			
LOOSE tan dry clean medium coarse SAND	2				MEDIUM tan clean medium coarse SAND with GRAVEL		1			
	4					60.60	4			
	5						10			

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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BORING NO. B-1					Groundwater Elev.:					
Station 72+75					First Encounter 67.1					
Offset 5.00ft Rt Median CL					Upon Completion					
Ground Surface Elev. 99.60	ft	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
MEDIUM tan clean medium coarse SAND					Wash MEDIUM tan clean medium coarse SAND		3			
						58.10	5			
							9			
Wash MEDIUM tan clean medium coarse SAND					Wash MEDIUM tan clean medium coarse SAND		7			
						55.60	13			
							15			
Wash MEDIUM tan clean medium coarse SAND					Wash MEDIUM tan clean medium coarse SAND		5			
						53.10	9			
							14			
Wash MEDIUM tan clean medium coarse SAND with GRAVEL					Wash MEDIUM tan clean medium coarse SAND with GRAVEL		3			
						50.60	7			
							11			
MEDIUM tan clean medium coarse SAND with GRAVEL					Wash MEDIUM tan clean medium coarse SAND with GRAVEL		6			
						48.10	9			
							10			
MEDIUM tan clean medium coarse SAND					End of Boring		3			
						45.60	7			
							12			
Wash MEDIUM tan/clean medium SAND					Wash MEDIUM tan/clean medium SAND		6			
						43.10	10			
							10			
Wash MEDIUM tan clean medium SAND						40.60	1			
							3			
							6			

Soil Boring B-1
Soil Boring Log Ground Surface Elevation of 99.60 = Plan Elevation of 767.50

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BBS, from 137 (Rev. 8-99)



USER NAME =	DESIGNED - JTT	REVISOR -
PLLOT SCALE =	CHECKED - VAC	REVISOR -
PLLOT DATE =	DRAWN - JBB	REVISOR -
	CHECKED - JTT	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS I
STRUCTURE NO. 101-0193 & 101-0194

BRIDGE SHEET NO. 43 OF 48 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(X2-1)R	WINNEBAGO	510	388
CONTRACT NO. 64C29			ILLINOIS FED. AID PROJECT	