

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 301	I-HBR-2	WINNEBAGO	57	43
SHEET NO. 24 27 SHEETS				
Contract #64D50				



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

SOIL BORING LOG

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Date 4/20/07

ROUTE FA 194 DESCRIPTION P92-095-07 Meridian Road over Bypass 20 LOGGED BY W. Garza
SECTION LOCATION Winnebago Twp. - 12 SW, SEC. , TWP. 26N, RNG. 11E
COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	DEPT	BLOW	UCS	MOIST	Surface Water Elev.	DEPT	BLOW	UCS	MOIST
Station	H	S	Qu	T	ft	H	S	Qu	T
BORING NO. B-2					Stream Bed Elev. 79.50				
Station 8+52					Groundwater Elev.: First Encounter 69.5				
Offset 12.00ft RL CL					Upon Completion Wash				
Ground Surface Elev. 99.50	ft	(ft)	(/6")	(tsf)	After Hrs.	ft	(ft)	(/6")	(tsf)
15" Asphalt & Concrete				10.0	MEDIUM brown SILTY CLAY	2			
MEDIUM brown SANDY LOAM						3	0.8	23.0	
						5	B		
VERY STIFF gray LOAM	97.00		5		VERY STIFF brown/gray SANDY CLAY	4			
						7	2.7	19.0	
	95.50		7	2.4		11	B		
			9	P	VERY SOFT tan SILTY LOAM	4			
VERY STIFF gray LOAM			4			4	0.0	33.0	
						4	P		
	93.00		5	2.0	MEDIUM tan SAND with medium GRAVEL	4			
			7	P		7			
STIFF redish brown CLAY LOAM			5			9			
			4	1.9	MEDIUM tan fine SAND	3			
	90.50		7	B		5			
VERY STIFF gray CLAY LOAM			7	3.9	MEDIUM tan SAND & GRAVEL	6			
			10	B		9			
	88.00		4		MEDIUM tan SAND & GRAVEL	5			
VERY STIFF gray SILTY CLAY LOAM			6	2.7		6			
			9	B	MEDIUM tan SAND & GRAVEL	5			
STIFF brown SANDY LOAM			6			5			
			7	1.1		9			
	83.00		9	P					
MEDIUM tan SILT			4						
			4	0.8					
	80.50		5	P					

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)

DESIGNED	GUN / OAO
CHECKED	FCO
DRAWN	TCS / GUN
CHECKED	FCO



Illinois Department of Transportation
Division of Highways
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SOIL BORING LOG

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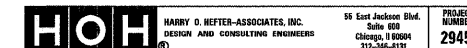
Date 4/20/07

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Station 8+52					Groundwater Elev.: First Encounter 69.5				
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Ground Surface Elev. 99.50	ft	(ft)	(/6")	(tsf)	After Hrs.	ft	(ft)	(/6")	(tsf)
MEDIUM tan fine SAND					DENSE tan fine SAND	9			
						16			
	58.00		7			18			
					VERY DENSE tan/rust medium SAND	28			
						36			
	55.50				Hard Drilling	29			
						35.00			
Wash DENSE tan fine SAND			8		Wash VERY DENSE gray TILL with well-cemented SAND & medium GRAVEL	44			
			13			00/10"			
	53.00		20		Wash VERY DENSE gray dense SILT	32			
						100/6.5"			
					End of Boring	30.50			
Wash MEDIUM tan fine SAND			3						
			4						
	48.00		9						
	45.50								
	43.00		11						
	40.50								

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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 LOGS
MERIDIAN ROAD OVER US 20
F.A.P. 301 (US 20) - SEC. 1-HBR-2
WINNEBAGO COUNTY
STATION 100+00
STRUCTURE NO. 101-0096



PROJECT NUMBER 2945

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