STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 301	1-HBR-2	WINNEBAGO	57	44
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 25
27 SHEETS

Contract #64D50

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

SOIL BORING LOG

Page 1 of 2

Date 5/8/07

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.
Station

BORING NO. B-3
Station 11+50
Offset 9.00ft Lt CL
Ground Surface Elev. 99.80 ft

Surface Water Elev. ft
Stream Bed Elev. 79.50 ft

Groundwater Elev.:
First Encounter 79.8 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
7" Asphalt, 8" Concrete					
					10.0
	97.30				
STIFF tan LOAM			5		
			2	1.1	10.0
	95.80		4	B	
		-5			
SOFT tan SANDY LOAM			1		
			0	0.4	11.0
	93.30		2	P	
VERY STIFF tan LOAM			3		
			7	2.9	18.0
	90.80		10	B	
		-10			
VERY STIFF tan SANDY LOAM			7		
			9	2.3	11.0
	88.30		15	S	
STIFF tan SANDY LOAM			3		
			6	2.0	9.0
	85.80		7	S	
		-15			
STIFF redish brown LOAM			2		
			5	1.6	14.0
	83.30		7	P	
VERY STIFF gray LOAM with GRAVEL			6		
			7	2.9	20.0
	80.80		21	B	
		▼-20			
VERY STIFF gray SILTY CLAY			5		
			8	3.9	23.0
	78.30		13	B	
VERY STIFF gray/tan SILTY CLAY			4		
			5	2.1	28.0
	75.80		8	B	
		-25			
STIFF gray SILTY LOAM with SAND lens			3		
			5	2.0	23.0
	73.30		7	B	
STIFF tan SILT with SAND lens			2		
			4	1.3	21.0
	70.30		6	P	
		-30			
MEDIUM tan very moist SAND & GRAVEL			9		
			11		
	68.30		18		
		-35			
MEDIUM tan fine SAND with SILT lens			11		
			9		23.0
	62.80		6		
MEDIUM tan SILT with SAND lens			2		
			3	0.5	24.0
	60.80		5	P	
		-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)

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

SOIL BORING LOG

Page 2 of 2

Date 5/8/07

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Ground Surface Elev. 99.80 ft

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Stream Bed Elev. 79.50 ft

Groundwater Elev.:
First Encounter 79.8 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LOOSE tan fine SAND			1		
			2		
	58.30		3		
	55.80				
		-45			
MEDIUM tan SAND & GRAVEL			1		
			5		
	53.30		6		
	50.80				
		-50			
Wash			31		
VERY DENSE tan well-cemented SAND & GRAVEL			100/9"		
	48.30				
Hard Drilling					
	45.80				
		-55			
VERY DENSE tan SAND with LIMESTONE fragments			100/2"		
	43.30				
End of Boring					
		-60			

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

HOH HARRY O. HEFTER-ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS
55 East Jackson Blvd. Suite 600 Chicago, Il 60604 312-346-8131
PROJECT NUMBER 2945

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

11/13/2009 2:34:13 PM
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