

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	1-HBR-2F	WINNEBAGO	29	26
FED. ROAD DIST. NO. 7		ILLINOIS	CONTRACT NO. 64F62	

SHEET NO. 24
27 SHEETS



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

SOIL BORING LOG

Page 1 of 2

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.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.	
													(ft)	(/6")	(tsf)	(%)								
					99.50		79.50		69.5															
15" Asphalt & Concrete																								
MEDIUM brown SANDY LOAM							78.00																	
VERY STIFF gray LOAM	97.00																							
VERY STIFF gray LOAM							75.50																	
VERY STIFF gray LOAM																								
STIFF redish brown CLAY LOAM							72.50																	
VERY STIFF gray CLAY LOAM																								
VERY STIFF gray SILTY CLAY LOAM							70.50																	
STIFF brown SANDY LOAM																								
MEDIUM tan SILT							68.00																	

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



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Page 2 of 2

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													(ft)	(/6")	(tsf)	(%)							
					99.50		79.50		69.5														
MEDIUM tan fine SAND																							
DENSE tan fine SAND							38.00																
VERY DENSE tan/rust medium SAND																							
Hard Drilling																							
Wash DENSE tan fine SAND																							
Wash VERY DENSE gray TILL with well-cemented SAND & medium GRAVEL																							
Wash VERY DENSE gray dense SILT																							
End of Boring																							

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BBS, from 137 (Rev. 8-99)

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

HOH
HARRY O. REFFER-ASSOCIATES, INC.
DESIGN AND CONSULTING ENGINEERS
35 East Jackson Blvd. Suite 600
Chicago, IL 60604
312-544-3132
PROJECT NUMBER 2945

12:07:28 PM
7/22/2009
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