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Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Date 9864

ROUTE FAJ 74 DESCRIPTION CH 50 (Lake of the Woods Road) over I-74 East of Mahomet LOGGED BY Elliott


SECTION 10-4BR LOCATION NW, SEC. 14, TWP. 20N, RNG. 7E, 3rd PM GPS:

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE _____

STRUCT. NO. Station	BORING NO. Station	Offset	Ground Surface Elev. (ft)	D E P T H (ft)	B L O W S (6")	U C S (tsf)	M O I S T (%)	Description	D E P T H (ft)	B L O W S (6")	U C S (tsf)	M O I S T (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After 20 Hrs.	
													ft	ft	ft	ft	ft	ft	ft
010-0157 Exist. Station	3 Center Pier 21+30	6.0 ft Rt.	734.4					Very Stiff Gray CLAY LOAM TILL (continued) (Sand & Gravel Lense w/water)											
			729.9					(Sand & Gravel Lense w/water)		12	2.9	12							
			709.2					(Sand & Gravel Lense w/water)											
			708.4					Brown CLAY LOAM TILL		19	2.9	12							
			703.9					Medium Brown Course SAND with Medium Gravel (very dry)		20									
			703.9					End of Boring		30									
			719.9							19	6.1	12							
			718.4					Hard Gray - Brown Mottled CLAY LOAM TILL		20	6.6	12							
			718.4					Very Stiff Gray CLAY LOAM TILL		14	3.9	12							
										11	2.9	11							

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer E-Estimate)
The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS form 137 (Rev. 8-99)

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													ft	ft	ft	ft	ft	ft	ft
010-0157 Exist. Station	4 North Pier 22+07	1.0 ft Lt.	736.8					Very stiff gray CLAY LOAM TILL (continued)											
			733.3																
			729.3					Medium Brown Mottled SANDY CLAY LOAM		4	0.5	20							
			729.3					Medium Brown SAND with silty clay loam lense @ 9.5' to 10'		5	0.5								
			726.6					Hard Brown Mottled CLAY LOAM TILL		8	1.0								
			724.3					Medium SAND & FINE GRAVEL with conglomerate, silt, clay loam, and sandy clay loam lenses		15	5.8	29							
			719.8					Hard Brown Gray Mottled CLAY LOAM TILL		24	6.2	13							
			696.8					Very stiff gray CLAY LOAM TILL		14	3.3	10							
										11	2.7	12							

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BBS form 137 (Rev. 8-99)

DESIGNED - DEWEY H. COULTAS	EXAMINED - <i>James F. Joffe</i> ACTING ENGINEER OF BRIDGE DESIGN	DATE - FEBRUARY 25, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS STRUCTURE NO. 010 - 0289	F.A.I. RTE. 74	SECTION 10-4BR	COUNTY CHAMPAIGN	TOTAL SHEETS 290	SHEET NO. 145	
CHECKED - NICHOLAS R. BARNETT	PASSED - <i>Carl Berger</i> ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED _____								
DRAWN - MICHAEL B. MOSSMAN		REVISED _____								
CHECKED - D.H.C. / N.R.B.					SHEET NO. 60 OF 62 SHEETS					CONTRACT NO. 70700

ILLINOIS FED. AID PROJECT