

Wang
ELECTROPHYSICAL TESTING

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Telephone: 630 953-9928
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BORING LOG B-07
WEI Job No.: 790-50-01

Datum: NAV88
Elevation: 700.29 ft
North: 1955528.02 ft
East: 1067881.87 ft
Station: 148+46.12
Offset: 4.36 RT

Client: **TranSystems Corporation**
Project: **Busse Woods Trail Bridge over IL 72 (FAP 0341)**
Location: **Elk Grove Village, Illinois**

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
879.3	0.03-inch thick, black SILTY CLAY --TOPSOIL-- Stiff, brown SILTY CLAY LOAM, little gravel	1	4	5	1.25	19	879.3	Medium dense, gray SILT, with interbedded clay	9	5	7	NP	16
897.3	Stiff to hard, brown to gray SILTY CLAY, trace gravel	2	3	5	1.31	19	874.6	Stiff, gray SILTY CLAY to SILTY CLAY LOAM, trace to little gravel	10	4	5	NP	16
		3	5	7	2.87	20			11	5	5	1.50	16
		4	5	8	5.41	17			12	3	5	1.50	20
		5	6	6	1.80	21			13	4	5	1.64	12
		6	6	6	2.30	18			14	6	8	NP	11
884.6	Very stiff, gray clay	7	4	5	3.20	22	863.8	Dense, gray SANDY LOAM, little gravel	15	3	5	5.08	19
891.8	Gray, fine to coarse SAND	8	3	5	1.31	19			16	7	10	14	
881	Stiff, gray SILTY CLAY LOAM, little gravel	9	5	6					17	10	14		
		10	6	6					18	10	14		

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	01-26-2012	Complete Drilling	01-26-2012
Drilling Contractor	Wang Testing Service	Drill Rig	D-50 ATV
Driller	K&K	Logger	B. Wilson
Checked by	M. Snider	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion	Depth to Water	NA
		While Drilling	
		At Completion of Drilling	
		Time After Drilling	
		Depth to Water	

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

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859.8	Medium dense, coarse SAND and gravel	15	23	6	8	NP	859.8	Medium dense, coarse SAND and gravel	15	23	6	8	NP
853.8	Dense, brown SILTY LOAM, some gravel	16	9	16	32	NP	853.8	Dense, brown SILTY LOAM, some gravel	16	9	16	32	NP
843.3	Medium stiff, gray SILTY CLAY LOAM, trace gravel	17	3	4	6	0.57	843.3	Medium stiff, gray SILTY CLAY LOAM, trace gravel	17	3	4	6	0.57
843.3	Hard, gray SILTY CLAY, trace gravel	18	7	10	14	5.08	843.3	Hard, gray SILTY CLAY, trace gravel	18	7	10	14	5.08

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TranSystems	USER NAME = mdsantford	DESIGNED = KAH	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS STRUCTURE NO. 016-6921	F.A.P. RTE. = 0341	SECTION = 09-00058-00-BT	COUNTY = COOK	TOTAL SHEETS = 43	SHEET NO. = 27
	PLT SCALE = 2835/1060 1/4" = 1"	CHECKED = WJC	REVISED =			CONTRACT NO. 63809				
	PLT DATE = 2/13/2013	CHECKED = WJC	REVISED =	SHEET NO. 10 OF 13 SHEETS			ILLINOIS FED. AID PROJECT			