Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
wangeng@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9936

BORING LOG B-02

WEI Job No.: 685-06-01

Client: Hampton, Lenzini, and Renwick, Inc.
Project: Damisch Road Bridge over Tyler Creek
Location: Kane County, IL

Datum: NGVD
Elevation: 901.76 ft
North: 1975140.53 ft
East: 985773.09 ft
Station:
Offset:

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
901.4	3-Inch thick ASPHALT --PAVEMENT--						
	31-Inch thick CRUSHED ASPHALT and GRAVELLY SAND --BASE COURSE--						
868.8	Medium stiff to very stiff, brown and gray SILTY LOAM to SILTY CLAY LOAM, trace gravel			1	86 15 10	NP	2
		5		2	1 2 3	1.00 P	28
	--LL=32%, PL=16%-- --A-6 (10)-- --% Gravel = 2.5%-- --% Sand = 22.4%-- --% Silt = 56.2%-- --%Clay = 18.9%--			3	2 1 2	0.75 P	22
		10		4	2 3 5	2.50 P	33
890.3	Medium dense, brown SANDY LOAM			5	3 6 12	1.00 P	36
887.5	Brown SILTY LOAM			6	8 6 4	NP	10
	Medium dense to dense, gray SANDY LOAM, trace gravel	15					
				7	6 10 8	NP	16
		20		8	7 8 8	NP	20
	--A-2-4 (0)-- --% Gravel = 1.9%-- --% Sand = 77.3%-- --% Silt and Clay = 20.8%--			9	6 9 11	NP	16
		25		10	8 10 9	NP	9
869.8	Stiff to very stiff, gray CLAY to SILTY CLAY, trace gravel						
		30		11	17 14 11	NP	13
				12	10 16 18	NP	9
		35		13	10 13 16	---	
				14	6 11 17	2.46 B	9
		40		15	5 6 9	1.56 B	13
850.8	Medium dense, gray, fine SAND, trace gravel						
		45		16	8 12 13	NP	11
835.3	Stiff to very stiff, brown and gray LOAM to CLAY LOAM, trace gravel						
		50		17	5 8 11	2.79 B	11

GENERAL NOTES

Begin Drilling: 03-20-2008 Complete Drilling: 03-20-2008
Drilling Contractor: G.B.E Drill Rig: Diedrich D-50
Driller: G&R Logger: K. Jacob Checked by: MLS
Drilling Method: 2.25-in HSA; Boring backfilled upon completion

WATER LEVEL DATA

While Drilling: ▽ 16.00 ft
At Completion of Drilling: ▽ 38.00 ft
Time After Drilling: NA
Depth to Water: ▽ NA

Soil Borings

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

WANGENGINC 685060S1.GPJ WANGENG.GDT 4/28/08

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Station:
Offset:

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	Boring terminated at 75.00 ft						
		55		18	5 9 12	2.46	12
		60		19	3 6 8	1.23 B	13
		65		20	5 6 9	1.23 B	13
826.8	Dense, brown SILT to SILTY LOAM	70		21	4 7 9	1.64 B	12
826.8		75		22	11 17 19	NP	11

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WANGENGINC 685060P1.GPJ WANGENG.GDT 4/28/08

BORING 2

DESIGNED	S.W.M.
CHECKED	A.S.L.
DRAWN	D.A.B.
CHECKED	S.W.M.

BORINGS
STRUCTURE NO. 045-6302

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS
3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

PROJECT NUMBER: 08.0043.130 DATE: 01/07/10

FAS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
132	07-00358-00-BR	KANE	33	33
DAMISCH ROAD OVER TYLER CREEK		CONTRACT NO. 63444		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		