Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
wangeng@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG B-01

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: 902.46 ft
North: 1975060.29 ft
East: 965726.49 ft
Station:
Offset:

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	902.2	3-inch thick ASPHALT --PAVEMENT--						
	901.0	15-inch thick CRUSHED ASPHALT and GRAVELLY SAND --BASE COURSE--						
		Stiff to very stiff, brown SILTY LOAM to SILTY CLAY LOAM			1	13 5 5	1.75 P	20
			5		2	2 2 3	2.06 B	24
	895.5	Medium dense, brown, SANDY LOAM			3	3 3 4	1.84 S	17
			10		4	3 4 6	NP	10
					5	6 10 4	NP	16
			15		6	9 12 11	NP	19
					7	6 4 7	NP	18
	884.7	Medium dense, gray SILTY LOAM						
			20		8	6 7 11	NP	14
	882.0	Medium dense to dense, brown and gray, medium to gravelly SAND			9	8 12 12	NP	17
			25		10	20 15 17	NP	13
	888.5	Hard, brown and gray SILTY CLAY to SILTY CLAY LOAM, trace gravel	30		11	11 14 16	NP	8
					12	4 5 6	NP	18
	886.0	Medium dense, gray, medium SAND	35		13	16 14 14	4.02 B	5
	883.2	Stiff to very stiff, brown and gray LOAM to CLAY LOAM, trace gravel	40		14	8 11 16	2.62 B	17
		--LL=19%, PL=12%-- --A-4 (1)-- --% Gravel = 7.6%--46 --% Sand = 34.6%-- --% Silt = 39.5%-- --%Clay = 18.3%--			15	4 6 9	1.23 B	13
			50		16	6 10 24	2.79 B	

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: ▽ 13.50 ft
At Completion of Drilling: ▼ DRY
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 685901.GPJ WANGENG.GDT 4/28/08

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Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
		Boring terminated at 75.00 ft						
	827.5		55		17	5 7 14	2.54 B	
			60		18	6 10 14	1.97 B	
			65		19	5 8 11	1.80 B	
			70		20	4 7 11	1.80 B	
			75		21	6 11 15	1.23 B	

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

BORING 1

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

PROJECT NUMBER: 08.0043.130 DATE: 01/07/10

BORINGS
STRUCTURE NO. 045-6302

FAS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
132	07-00358-00-BR	KANE	33	32
DAMISCH ROAD OVER TYLER CREEK		CONTRACT NO. 63444		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		