Wang Engineering
wangeng@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG SB-02

WEI Job No.: 201-42-01

Client: McDonough Associates, Inc.
Project: Woodland Drive Bridge over Flint Creek
Location: Lake Barrington, Lake County

Datum: NGVD
Elevation: 757.74 ft
North: 2015347.52 ft
East: 1029294.77 ft
Station: 13+98.05
Offset: 16.7 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
757.74	4-inch thick ASPHALT --PAVEMENT--						
756	6-inch thick GRAVEL --BASE COARSE--						
	Stiff, black and brown CLAY LOAM with gravel --FILL--			1	2 3 3	1.25 S	7
753.7	Very loose to medium dense, brown SANDY GRAVEL --FILL--	5		2	3 5 6	NP	9
				3	4 3 2	NP	7
		10		4	2 1 2	NP	8
747.2	Soft, dark gray CLAY LOAM with little gravel			5	0 0 1	0.33 S	16
744.7	Medium stiff, gray SILTY CLAY	15		6	1 3 4	0.82 S	15
742.2	Stiff to very stiff, gray CLAY with trace gravel			7	5 7 8	2.54 S	16
		20		8	2 3 4	1.39 S	19
		25		9	2 3 5	1.89 B	18
				10	2 2 3	1.31 B	19
				11	2 3 4	0.98 B	19
		30		12	2 3 5	1.39 B	18
				13	1 3 4	1.56 B	19
		35					
		40		14	3 3 5	1.15 B	18

GENERAL NOTES

Begin Drilling: 09-01-2010 Complete Drilling: 09-01-2010
Drilling Contractor: K&S Drilling Drill Rig: CME 75
Driller: Ruben/Ed Logger: A. Kurnia Checked by: M. dl Reyes
Drilling Method: 3.25 IDA HSA; Boring backfilled upon completion

WATER LEVEL DATA

While Drilling: 12.00 ft
At Completion of Drilling: Washed
Time After Drilling: NA
Depth to Water: NA

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

WANGENG 201420.GPJ WANGENG.GDT 3/14/11

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		45		15	3 4 5	NR	
		50		16	2 4 5	1.56 B	19
699.7	Medium dense, gray SILT						
695.7	Medium dense, gray SANDY GRAVEL	55		17	1 1 3	1.97 B	23
690.7	Loose to medium dense, gray SILT	60		18	1 1 3	NP	19
700.7	Loose to medium dense, gray, coarse to medium SAND						
		65		19	5 6 8	NP	16
		70		20	3 4 6	NP	20
		75		21	3 10 19	NP	8
		80		22	2 5 7	NP	18

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		85		23	2 3 10	NP	20
		90		24	2 3 1	NP	
665.7	Medium dense, gray, fine SAND	95		25	5 8 13	NP	20
657.7	Boring terminated at 100.00 ft	100		26	8 11 16	NP	20

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WANGENG 201420.GPJ WANGENG.GDT 3/14/11

FILE NAME = 04967751-016-Boring Log.dgn	USER NAME = jehrhart	DESIGNED - WEI	REVISED -
		CHECKED - JCE	REVISED -
McDonough Associates Inc. Engineers / Architects 180 North Stetson Ave. Chicago, Illinois 60601	PLOT SCALE = 1#0.0833333	DRAWN - WEI	REVISED -
	PLOT DATE = 05/14/12	CHECKED - JCE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NO. 049-6751
SHEET NO. 16 OF 16 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00010-00-BR	LAKE	41	29
		CONTRACT NO. 63716		
	ILLINOIS FED. AID PROJECT			