Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG RR-1

WEI Job No.: 201-33-01

Client: **McDonough Associates, Inc.**
Project: **McLean Blvd / New Stearns Rd**
Location: **Sec. 3, T 40 N, R 8 E of Geneva Quadrangle**

Datum: NGVD
Elevation: 753.80 ft
North: 1934972.70 ft
East: 989203.41 ft
Station: 26+91.7
Offset: 6.6 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
	753.8	12-inch thick, black and brown SANDY CLAY LOAM --TOPSOIL--						
	752.5	Stiff to very stiff, brown SILTY CLAY --FILL--		1		3-3-3 (6)	3.36 B	18
			5	2		4-6-8 (14)	2.79 B	16
				3		2-3-4 (7)	1.07 B	19
			10	4		2-2-2 (4)	1.80 B	26
	743.3	Hard, brown and gray SILTY CLAY to CLAY		5		7-9-7 (16)	6.15 B	17
			15	6		5-9-14	4.67 B	19
	736.3	Very dense, gray GRAVEL, with sand		7		10-48-11	NP	3
	735.8	Loose, brown SAND	20	8		2-2-4 (6)	NP	28
	733.3	Stiff to very stiff, gray CLAY to SILTY CLAY		9		4-7-8 (15)	3.69 B	16
			25	10		3-3-5 (8)	1.31 B	17
	722.6	Boring terminated at 30.00 ft	30	11		3-5-6 (11)	1.15 B	15
				12		3-7-12 (19)	1.07 B	15
			35					
			40					
			45					
			50					

GENERAL NOTES

Begin Drilling: **07-30-2008** Complete Drilling: **07-30-2008**
Drilling Contractor: **TSC** Drill Rig: **CME 55 ATV**
Driller: **J & J** Logger: **F.Bozga** Checked by: **W. Wang**
Drilling Method: **2.5" ID HSA; Boring Backfilled Upon Completion**

WATER LEVEL DATA

While Drilling: ▽ **18.00 ft**
At Completion of Drilling: ▼ **20.00 ft**
Time After Drilling: **NA**
Depth to Water: ▽ **NA**

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

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG RR-2

WEI Job No.: 201-33-01

Client: **McDonough Associates, Inc.**
Project: **McLean Blvd / New Stearns Rd**
Location: **Sec. 3, T 40 N, R 8 E of Geneva Quadrangle**

Datum: NGVD
Elevation: 740.60 ft
North: 1934970.97 ft
East: 988334.03 ft
Station: 15+24.2
Offset: 47.6 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
	739.6	12-inch thick, black and brown SANDY CLAY LOAM --TOPSOIL--						
	737.1	Loose, black and brown SAND to SANDY LOAM --FILL--		1		1-2-3 (5)	NP	18
		Medium stiff, brown and gray SILTY CLAY --FILL--	5	2		3-5-6 (11)	0.74 B	16
				3		4-4-4 (8)	0.98 B	12
	732.6	Stiff to hard, gray SILTY CLAY to CLAY		4		7-7-12 (19)	6.07 B	17
			10	5		4-6-11 (17)	1.39 B	12
			15	6		5-8-12 (20)	4.76 B	19
				7		6-6-6 (12)	3.85 B	19
	720.1	Medium denise, gray GRAVELLY SAND	20	8		2-3-5 (8)	2.54 B	23
	717.1	--AUGER REFUSAL @ 23.5' bgs-- Boring terminated at 23.50 ft	25	9		3-5-6 (11)	NP	6

GENERAL NOTES

Begin Drilling: **07-30-2008** Complete Drilling: **07-30-2008**
Drilling Contractor: **TSC** Drill Rig: **CME 55 ATV**
Driller: **J & J** Logger: **F.Bozga** Checked by: **W. Wang**
Drilling Method: **2.5" ID HSA; Boring Backfilled Upon Completion**

WATER LEVEL DATA

While Drilling: ▽ **21.00 ft**
At Completion of Drilling: ▼ **20.00 ft**
Time After Drilling: **NA**
Depth to Water: ▽ **NA**

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

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG RR-3

WEI Job No.: 201-33-01

Client: **McDonough Associates, Inc.**
Project: **McLean Blvd / New Stearns Rd**
Location: **Sec. 3, T 40 N, R 8 E of Geneva Quadrangle**

Datum: NGVD
Elevation: 745.70 ft
North: 1934965.80 ft
East: 988567.82 ft
Station: 20+58.0
Offset: 34.2 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
	744.7	12-inch thick, black SANDY CLAY LOAM --TOPSOIL--						
	742.7	Very stiff, brown SILTY CLAY --FILL--		1		4-5-6 (11)	3.12 B	27
		Loose to medium dense, brown GRAVELLY SAND, with wood fragments --FILL--	5	2		3-3-5 (8)	NP	15
				3		3-3-4 (7)	NP	16
	737.7	Very stiff to hard, gray SILTY CLAY to CLAY		4		6-11-12 (23)	3.61 B	14
			10	5		8-12-13 (25)	5.17 B	16
			15	6		6-8-10 (18)	3.03 B	12
				7		16-13-20 (33)	4.02 B	13
			20	8		7-13-15 (28)	4.35 B	19
	722.7	Medium dense, gray GRAVELLY SAND		9		9-13-13 (26)	2.75 B	10
			25	10		7-11-12 (23)	NP	6
	719.2	--AUGER REFUSAL @26' bgs-- Boring terminated at 26.00 ft	30					
			35					
			40					
			45					
			50					

GENERAL NOTES

Begin Drilling: **07-30-2008** Complete Drilling: **07-30-2008**
Drilling Contractor: **TSC** Drill Rig: **CME 55 ATV**
Driller: **J & J** Logger: **F.Bozga** Checked by: **W. Wang**
Drilling Method: **2.5" ID HSA; Boring Backfilled Upon Completion**

WATER LEVEL DATA

While Drilling: ▽ **22.00 ft**
At Completion of Drilling: ▼ **22.00 ft**
Time After Drilling: **NA**
Depth to Water: ▽ **NA**

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

FILE NAME = I:\Dgn\Civil\Sheet\Boring Sheets\sb0209.dgn	USER NAME = tthornton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD – STAGE 2 SOIL BORING LOGS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:1	CHECKED -	REVISED -					361	06-00214-10-BR	KANE	219	179
	PLOT DATE = 3/29/2009	DATE - 3/27/09	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.			CONTRACT NO. 63073		
								FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		