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

BORING LOG 2113-B-01

WEI Job No.: 1100-04-01

Client: AECOM
Project: CIRCLE INTERCHANGE RECONSTRUCTION
Location: Chicago, IL

Datum: NGVD
Elevation: 594.97 ft
North: 1898089.14 ft
East: 1169854.00 ft
Station: 3605+74.45
Offset: 08.76 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	594.8	2.75-inch thick ASPHALT --PAVEMENT--						
	593.8	11.25-inch thick CONCRETE --PAVEMENT--						
		Loose to very dense, brown SANDY LOAM to SAND, trace gravel --FILL--			1	14 26 33	NP	31
			5		2	12 10 9	NP	18
					3	9 9 7	NP	25
			10		4	4 6 6	NP	28
					5	8 6 7	NP	36
			15		6	3 4 4	NP	43
	579.5	Very soft to medium stiff, gray CLAY to SILTY CLAY			7	0 1 1	0.33 B	23
			20		8	0 0 1	0.16 B	25
					9	0 0 0	0.08 B	26
			25		10	0 1 1	0.08 B	26
			30		11	0 1 1	0.25 B	28
					12	1 1 1	0.08 B	28
			35		13	0 1 2	0.18 B	28
			40		14	0 1 2	0.33 B	26
			45		15	0 1 2	0.41 B	27
			50		16	1 1 2	0.57 B	26

GENERAL NOTES

Begin Drilling: 02-18-2013 Complete Drilling: 02-24-2013
Drilling Contractor: Wang Testing Services Drill Rig: B-57 TMR
Driller: R&J Logger: F.Bozga Checked by: C. Marin
Drilling Method: 2.25" SSA to 15', Mud Rotary 15' thereafter

WATER LEVEL DATA

While Drilling: 13.00 ft
At Completion of Drilling: MUD (10')
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
wangeng@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG 2113-B-01

WEI Job No.: 1100-04-01

Clien: AECOM
Project: CIRCLE INTERCHANGE RECONSTRUCTION
Location: Chicago, IL

Datum: NGVD
Elevation: 594.97 ft
North: 1898089.14 ft
East: 1169854.00 ft
Station: 3605+74.45
Offset: 08.76 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	543.0	Stiff to hard, gray SILTY CLAY LOAM, trace gravel --L_L(%)=28, P_L(%)=15-- --%Gravel=2.2-- --%Sand=16.9-- --%Silt=54.8-- --%Clay=26.1-- --A-6 (8)--			17	3 5 7	1.97 B	16
			60		18	6 9 14	5.82 B	13
	528.2	Medium dense, gray SILTY LOAM, trace clay lenses --%Gravel=1.1-- --%Sand=6.7-- --%Silt=77.2-- --%Clay=15.0-- --A-4 (0)--	65		19	6 8 14	2.13 B	22
			70		20	7 13 15	NP	20
	523.2	Hard, gray SILTY CLAY LOAM, trace gravel	75		21	19 32 41	> 4.50 P	12
			80		22	14 25 37	> 4.50 P	16
		--L_L(%)=29, P_L(%)=16-- --%Gravel=0.6-- --%Sand=8.1-- --%Silt=62.1-- --%Clay=28.6-- --A-6 (10)--	85		23	17 26 47	> 4.50 P	15
	508.0	Very dense, gray SANDY LOAM	90		24	40 50/4"	NP	14
	503.0	Very dense, gray GRAVELLY SAND, some dolostone fragments	95		25	50/3"	NP	14
	499.0	--AUGER REFUSAL-- Boring terminated at 96.00 ft	100					

GENERAL NOTES

Begin Drilling: 02-18-2013 Complete Drilling: 02-24-2013
Drilling Contractor: Wang Testing Services Drill Rig: B-57 TMR
Driller: R&J Logger: F.Bozga Checked by: C. Marin
Drilling Method: 2.25" SSA to 15', Mud Rotary 15' thereafter

WATER LEVEL DATA

While Drilling: 13.00 ft
At Completion of Drilling: MUD (10')
Time After Drilling: NA
Depth to Water: NA

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

WANGENGINC 11000401.GPJ WANGENG.GDT 3/18/13

FILE PATH = C:\Users\will.mardauss\Desktop\Morgan\0161709-60W25-S44-Boringl.dgn

HBM ENGINEERING GROUP, LLC
CONSULTING & DESIGN
INSPECTION & RATING
RESEARCH & TESTING
4415 WEST HARRISON ST.
SUITE 231
HILLSIDE, IL 60162
PHONE: (708) 236-0900
FAX: (708) 236-0901

0161709-60W25-S44-Boringl.dgn	DESIGNED - LAB	REVISED -
USER NAME = will.mardauss	DRAWN - LAB	REVISED -
PLOT SCALE = 01.0000 ' / in.	CHECKED - MI, MAF	REVISED -
PLOT DATE = 6/14/2013	DATE - 6/17/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS I
STRUCTURE NO. 016-1709

SCALE: | SHEET S1-44 OF 51 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	188
		CONTRACT NO. 60W25		
	ILLINOIS FED. AID PROJECT			