



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

BORING LOG 1705-B-14

WEI Job No.: 1100-04-01

Client: AECOM
Project: Circle Interchange Reconstruction
Location: Section 17, T39N, R14E of 3rd PM

Datum: NAVD 88
Elevation: 575.72 ft
North: 1898104.31 ft
East: 1170838.29 ft
Station: 1325+23.39
Offset: 17.10 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
524.0	--%Silt=49.4-- --%Clay=46.4-- --A-6 (19)-- Very dense, gray SILTY LOAM, trace gravel	55	X	17	29 36 36	NP	11	54.6		80	X	22	54/6	NP	18
519.0	Hard, gray SILTY CLAY to SILTY CLAY LOAM, trace gravel --LL%=29, PL%=16-- --%Gravel=1.9-- --%Sand=11.1-- --%Silt=56.4-- --%Clay=30.6-- --A-6 (10)--	60	X	18	27 30 37	7.80 S	13	492.2	--WEATHERED BEDROCK--	85	X	23	75/0	NR	
		65	X	19	13 20 28	7.79 S	13	490.2	Strong, good rock quality, light gray, fresh, mainly horizontal joints, joint breaks with little to no infill, horizontal stylolites, slightly vuggy, trace small cavities, horizontally bedded DOLOSTONE --Run 1-RECOVERY=82%-- --RQD =73%--	90	X	1		CORE	
509.0	Very dense, gray SILTY LOAM, trace to some gravel --LL%=19, PL%=13-- --%Gravel=8.7-- --%Sand=28.7-- --%Silt=51.8-- --%Clay=10.7-- --A-4 (1)--	70	X	20	36 46 27	2.38 S	10		--Run 2-RECOVERY=95%-- --RQD =80%--	95	X	2		CORE	
		75	X	21	55/6	NP	14	480.2	Boring terminated at 95.50 ft	100					

GENERAL NOTES

Begin Drilling 08-13-2013 Complete Drilling 08-15-2013
Drilling Contractor Wang Testing Services Drill Rig CME-55 TMR
Driller R&J Logger A. Tomaras Checked by C. Marin
Drilling Method 3.25" HSA, boring backfilled upon completion

WATER LEVEL DATA

While Drilling 73.50 ft
At Completion of Drilling NA
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@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG 2081-B-01

WEI Job No.: 1100-04-01

Client: AECOM
Project: Circle Interchange Reconstruction
Location: Sections 16 and 17, T39N, R14E of 3rd PM

Datum: NAVD 88
Elevation: 594.27 ft
North: 1898215.40 ft
East: 1171096.56 ft
Station: 1322+25.83
Offset: 35.65 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
593.7	6.5-inch thick ASPHALT --PAVEMENT--														
592.9	10.5-inch thick CONCRETE --PAVEMENT--														
	Loose to medium dense, gray, GRAVELLY SAND --FILL--	5	X	1	7 8 6	NP	6		30	X	12	0 2 2	0.33 B	27	
		10	X	2	7 7 7	NP	7		40	X	14	0 0 3	0.16 B	27	
		15	X	3	4 4 4	NP	4		45	X	15	0 2 3	0.57 B	26	
		20	X	4	10 11 9	NP	6		50	X	16	0 0 3	0.41 B	28	
		25	X	5	5 4 3	NP	16								
		30	X	6	5 3 3	NP	15								
578.8	Medium stiff to stiff, black and gray SILTY CLAY, trace gravel	35	X	7	4 2 2	0.50 P	23								
		40	X	8	8 4 2	1.50 P	18								
573.8	Loose, gray, medium SAND	45	X	9	2 2 2	NP	22								
571.3	Soft to medium stiff, gray CLAY to SILTY CLAY, trace gravel	50	X	10	2 2 2	0.41 B	22								

GENERAL NOTES

Begin Drilling 04-02-2013 Complete Drilling 04-02-2013
Drilling Contractor Wang Testing Services Drill Rig B-57 TMR
Driller R&T Logger D. Wind Checked by C. Marin
Drilling Method 3.25" HSA to 11', Mud Rotary 11' thereafter, boring backfilled upon completion

WATER LEVEL DATA

While Drilling 11.00 ft
At Completion of Drilling NA
Time After Drilling NA
Depth to Water NA

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

9:56:39 AM - c:\pwworking\wangeng\dwg\10100401\10100401.dwg 11/12/13 WANGENG 11000401.GPJ WANGENG.GDT



USER NAME = kohastings	DESIGNED - RTS	REVISED -
PLOT SCALE = 384.00' / ft.	CHECKED - KAH	REVISED -
PLOT DATE = 4/28/2014	DRAWN - RTS	REVISED -
	CHECKED - KAH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS 5
STRUCTURE NO. 016-1809

SHEET NO. RW40-11 OF RW40-12 SHEETS

F.A.I. RTE. 90/94	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 578
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	