



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

BORING LOG 40-RWB-03

WEI Job No.: 1100-04-01

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

Datum: NAVD 88
Elevation: 577.49 ft
North: 1898127.71 ft
East: 1170920.36 ft
Station: 1324+35.13
Offset: 27.2546 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
500.7	Very dense, gray SILT to SILTY LOAM, trace gravel	55	17	15 20 41	NP	20	500.7	Very dense, gray SILT to SILTY LOAM, trace gravel	80	22	20 48 50/4	NP	16
520.5	Hard, gray SILTY CLAY LOAM, trace gravel	60	18	23 33 45	8.53 S	12	491.5	Very dense DOLOSTONE fragments	85	23	6 50/5	NP	12
510.7	Very dense to hard, gray SILTY LOAM, trace gravel	70	20	14 17 50/4	4.10 B	21	490.0	Boring terminated at 87.50 ft	90	24	0 50/2	NP	7
505.7	Very dense, gray SANDY GRAVEL	75	21	50/5	NP	6			95				

GENERAL NOTES

Begin Drilling 08-05-2013 Complete Drilling 08-09-2013
Drilling Contractor Wang Testing Services Drill Rig D-25 ATV
Driller P&N Logger D. Kolpacki Checked by C. Marin
Drilling Method 2.25" SSA to 10', mud rotary thereafter, boring backfilled upon completion

WATER LEVEL DATA

While Drilling DRY
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 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 No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
573.6	1-inch thick brown SILTY LOAM Very loose to loose, brown and gray to gray LOAM, trace gravel	1	4 4 3	NP	9		573.6	--In-Situ Vane Shear, 25.5 feet-- --Su undis = 1243.2 psf-- --Su remold = 725.2 psf-- --Sensitivity = 1.714--	4	11	1 2 3	0.57 B	25
570.2	Very soft to soft, gray CLAY to SILTY CLAY, trace gravel	2	2 1 1	NP	10		570.2	--LL%=35, PL%=17-- --%Gravel=2.6-- --%Sand=9.8-- --%Silt=46.6-- --%Clay=41.0-- --A-6 (15)--	12	22	2 2 2	0.25 B	27
		3	1 1 1	0.25 P	16			--In-Situ Vane Shear, 30.5 feet-- --Su undis = 2481.6 psf-- --Su remold = 1085.7 psf-- --Sensitivity = 2.29--	5				
		4	1 1 2	0.41 B	25			--In-Situ Vane Shear, 10.5 feet-- --Su undis = 673.4 psf-- --Su remold = 466.2 psf-- --Sensitivity = 1.44--	10	4	1 1 2	0.33 B	21
		5	0 2 2	0.49 B	25			--In-Situ Vane Shear, 15.5 feet-- --Su undis = 621.6 psf-- --Su remold = 336.7 psf-- --Sensitivity = 1.849-- --LL%=32, PL%=16-- --%Gravel=4.1-- --%Sand=12.9-- --%Silt=50.9-- --%Clay=32.1-- --A-6 (12)--	15	5	0 1 2	0.16 B	27
		6	1 1 2	0.49 B	23			--In-Situ Vane Shear, 20.5 feet-- --Su undis = 802.9 psf-- --Su remold = 414.4 psf-- --Sensitivity = 1.938--	20	6	1 1 1	0.25 B	26
		7	0 1 2	0.16 B	27				35	13	2 3 2	0.33 B	21
		8	0 1 1	0.25 B	26				40	14	4 5 5	1.56 B	23
		9	1 2 3	0.41 B	23				45	15	6 6 13	2.54 B	18
		10	2 2 2	0.49 B	25				50	16	5 7 11	2.62 B	22

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.



USER NAME = kahastings
PLOT SCALE = 384.00' / Ft.
PLOT DATE = 4/28/2014

DESIGNED - RTS
CHECKED - KAH
DRAWN - RTS
CHECKED - KAH

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS 4
STRUCTURE NO. 016-1809

SHEET NO. RW40-10 OF RW40-12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2013-010R	COOK	747	577
CONTRACT NO.			60W28	
ILLINOIS FED. AID PROJECT				