Wang Engineering
wangeng@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: 630 953-9928
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# BORING LOG 2113-B-01



WEI Job No.: 1100-04-01

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

Datum: NAVD 88
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-- | | | | | | |
| | 593.6 | 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 |
| | 579.6 | 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.

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|---|---|---|---|---|---|---|---|---|
| | 543.0 | Stiff to hard, gray SILTY CLAY LOAM, trace gravel | | | | | | |
| | | --$L_L$(%)=28, $P_L$(%)=15-- --%Gravel=2.2-- --%Sand=16.9--55 --%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 |
| | | | 65 | | 19 | 6 8 14 | 2.13 B | 22 |
| | 528.2 | Medium dense, gray SILTY LOAM, trace clay lenses | | | 20 | 7 13 15 | NP | 20 |
| | | --%Gravel=1.1-- --%Sand=6.7-- --%Silt=77.2--70 --%Clay=15.0-- --A-4 (0)-- | | | | | | |
| | 523.2 | Hard, gray SILTY CLAY LOAM, trace gravel | 75 | | 21 | 19 32 41 | > 4.50 P | 12 |
| | | --$L_L$(%)=29, $P_L$(%)=16-- --%Gravel=0.6-- --%Sand=8.1--80 --%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 | | | 24 | 40 50/4" | NP | 14 |
| | 503.0 | Very dense, gray GRAVELLY SAND, some dolostone fragments | 90 | | 25 | 50/3" | NP | 14 |
| | | --AUGER REFUSAL-- | 95 | | | | | |
| | 499.0 | Boring terminated at 96.00 ft | 100 | | | | | |

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WANGENGINC 1100M01.GPJ WANGENG.GDT 4/17/13

Added Sheet

FILE PATH = \\HBMSERVER\Redirected$\ahmed.issa\Desktop\cross-sheets\2013\724-60W25-512-BoringLog.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

| | | | |
|---|---|---|---|
| 0101724-60W25-512-BoringLog.dgn | DESIGNED - JJS | REVISED - △ 7/19/2013, ML, JJS | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION |
| USER NAME = ahmed.issa | DRAWN - JJS | REVISED - | |
| PLOT SCALE = 80.0000 ' / in. | CHECKED - ML, MAF | REVISED - | |
| PLOT DATE = 7/15/2013 | DATE - 6/17/2013 | REVISED - | |

BORING LOG
RETAINING WALL (STRUCTURE NO. 016-1724) AND RISER SHAFT

SCALE: SHEET S2-12 OF 12 SHEETS STA. TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 90/94/290 | 2013-007R | COOK | 317 | 207 |
| | | CONTRACT NO. 60W25 | | |
| | ILLINOIS FED. AID PROJECT | | | |