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BORING LOG 2081-B-06

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: 593.23 ft
North: 1897774.57 ft
East: 1171111.06 ft
Station: 3833+33.31
Offset: 17.30 LT

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | SPT Values (blows/6 in) | Qu (tsf) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | SPT Values (blows/6 in) | Qu (tsf) | Moisture Content (%) |
|------------------------|---|------------|------------|-------------------------|------------|----------------------|------------------------|---|------------|------------|-------------------------|-----------|----------------------|
| 541.5 | Very stiff, gray SILTY CLAY LOAM, trace gravel | 55 | 17 | 6 6 8 | 2.33 N6 | | 511.5 | Very dense, gray GRAVELLY SAND | 80 | 22 | 4 5 4 | 0.25 P | 37 |
| | -L _c (%)=28, P _c (%)=18-- --%Gravel=0.6-- --%Sand=4.2--60 --%Silt=72.7-- --%Clay=22.6-- --A-4(8)-- | | 18 | 12 13 12 | 3.03 S | 21 | | | 85 | 23 | 25 50/5 | NP | 11 |
| | | 65 | 19 | 5 7 13 | 3.28 B | 22 | | | 90 | 24 | 50/5 | NP | 15 |
| | | 70 | 20 | 4 7 8 | 2.46 B | 24 | | | | 25 | 60/6 | NP | 15 |
| 521.5 | Soft to stiff, gray CLAY, trace gravel | 75 | 21 | 4 4 5 | 1.31 B | 29 | 501.7 | Very dense, gray SILT LOAM, little gravel | | | | | |
| | -L _c (%)=42, P _c (%)=18-- --%Gravel=2.4-- --%Sand=3.3-- --%Silt=44.8--75 | | | | | | | | | 26 | 50/3 | NP | 11 |
| | | | | | | | 493.2 | | 100 | | | | |

GENERAL NOTES

Begin Drilling: 03-16-2013 Complete Drilling: 03-16-2013
Drilling Contractor: Wang Testing Services Drill Rig: D-50 TMR
Driller: R&T Logger: A. Mohammed Checked by: C. Marin
Drilling Method: 2.25" SSA to 10', Mud Rotary 10' thereafter, boring backfilled upon completion

WATER LEVEL DATA

While Drilling: NA
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 = rge11
PLOT SCALE = 2:0.0000 '1" / 1"
PLOT DATE = 4/12/2013

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING

SCALE: SHEET NO. OF SHEETS STA. TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|--------------------|--------|---|-----------|
| 90/94 | 0101.6-2P-1-3 (13) | COOK | 37 | 27 |
| CONTRACT NO. 60W36 | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | |

FILE NAME = I:\2290\7290.21 - Circle Interchange Tunnel Bultheading\CADD\CADD SHEETS\7290.20-sslboringpl.dgn