



BORING LOG NW-8A-02

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WEI Job No.: 775-13-01

Client: **Ciorba Group, Inc.**
Project: **FAI-80 from US 30 to US 45**
Location: **Will County**

Datum: NGVD
Elevation: 698.41 ft
North: 1776209.16 ft
East: 1091761.84 ft
Station: 874+29.79
Offset: 66.17 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 (%) |
|---------|----------------|---|------------|-------------|------------|-----------------------|-----------|----------------------|---------|----------------|---|------------|-------------|------------|-----------------------|-----------|----------------------|
| | 698.1 | 14-inch thick, brown LOAM, some gravel --SHOULDER-- --FILL-- | 1 | | 1 | 12 10 14 | NP | 10 | | 670.4 | Dense, gray, fine SAND | 30 | | 11 | 3 5 6 | 2.71 B | 18 |
| | 695.4 | Medium dense, gray CRUSHED STONE --SHOULDER-- --BASE COURSE-- | 2 | | 2 | 5 7 8 | 6.15 B | 11 | | 666.4 | Hard, gray SILTY CLAY | 35 | | 13 | 13 10 14 | 4.59 B | 18 |
| | | Stiff to hard, brown to gray SILTY CLAY, trace gravel | 3 | | 3 | 3 4 6 | 2.46 B | 15 | | 661.4 | Medium dense, gray SILTY LOAM, trace gravel | 40 | | 14 | 9 8 10 | NP | 12 |
| | | | 4 | | 4 | 3 3 5 | 2.62 B | 15 | | 658.4 | Boring terminated at 40.00 ft | 45 | | 8 | 3 4 7 | 2.45 B | 17 |
| | | | 5 | | 5 | 2 4 4 | 2.21 B | 17 | | | | 20 | | 9 | 3 4 5 | 2.54 B | 19 |
| | | | 6 | | 6 | 2 4 5 | 1.89 B | 17 | | | | 25 | | 10 | 3 5 7 | 3.44 B | 19 |
| | | | 7 | | 7 | 2 4 5 | 1.64 B | 16 | | | | | | | | | |
| | | | 8 | | 8 | 3 4 7 | 2.45 B | 17 | | | | | | | | | |
| | | | 9 | | 9 | 3 4 5 | 2.54 B | 19 | | | | | | | | | |
| | | | 10 | | 10 | 3 5 7 | 3.44 B | 19 | | | | | | | | | |

GENERAL NOTES

Begin Drilling: 10-22-2010 Complete Drilling: 10-22-2010
Drilling Contractor: K&S Drill Rig: CME ATV
Driller: T&M Logger: B. Wilson Checked by: C. Marin
Drilling Method: 3.25 IDA HSA; Boring backfilled upon completion

WATER LEVEL DATA

While Drilling: DRY
At Completion of Drilling: DRY
Time After Drilling: NA
Depth to Water: NA

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



BORING LOG NW-8A-03

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1145 N Main Street
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Telephone: 630-953-9928
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WEI Job No.: 775-13-01

Client: **Ciorba Group, Inc.**
Project: **FAI-80 from US 30 to US 45**
Location: **Will County**

Datum: NGVD
Elevation: 694.22 ft
North: 1776288.38 ft
East: 1092031.45 ft
Station: 877+10.77
Offset: 70.31 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 (%) |
|---------|----------------|--|------------|-------------|------------|-----------------------|-----------|----------------------|---------|----------------|--|------------|-------------|------------|-----------------------|-----------|----------------------|
| | 693.2 | 12-inch thick CRUSHED STONE --SHOULDER-- | 1 | | 1 | 4 5 7 | 2.00 P | 17 | | 688.7 | Stiff, gray CLAY LOAM, trace gravel | 11 | | 11 | 4 6 7 | 1.39 B | 14 |
| | | Very stiff, brown CLAY LOAM to SILTY CLAY LOAM --FILL-- | 2 | | 2 | 4 5 7 | 3.28 B | 21 | | 686.2 | Medium dense, gray, well-graded SAND, trace gravel | 30 | | 12 | 14 10 11 | NP | 10 |
| | | | 3 | | 3 | 2 2 2 | NP | 31 | | 661.7 | Medium dense, brown and gray SILT | 35 | | 13 | 3 6 18 | NP | 15 |
| | | Loose, brown SANDY LOAM | 4 | | 4 | 2 3 3 | NP | 24 | | 654.2 | Boring terminated at 40.00 ft | 40 | | 14 | 5 8 9 | NP | 12 |
| | | | 5 | | 5 | 4 5 7 | 2.54 B | 15 | | | | 45 | | | | | |
| | | Stiff to very stiff, gray SILTY CLAY, trace gravel | 6 | | 6 | 4 6 7 | 2.71 B | 17 | | | | 50 | | | | | |
| | | | 7 | | 7 | 4 5 6 | 2.54 B | 17 | | | | | | | | | |
| | | | 8 | | 8 | 3 5 6 | 2.95 B | 19 | | | | | | | | | |
| | | | 9 | | 9 | 3 5 6 | 2.62 B | 19 | | | | | | | | | |
| | | | 10 | | 10 | 5 6 11 | 1.72 B | 17 | | | | | | | | | |

GENERAL NOTES

Begin Drilling: 10-22-2010 Complete Drilling: 10-22-2010
Drilling Contractor: K&S Drill Rig: TMR Diedrich D-50
Driller: T&M Logger: B. Wilson Checked by: C. Marin
Drilling Method: 3.25 IDA HSA; Boring backfilled upon completion

WATER LEVEL DATA

While Drilling: 10.50 ft
At Completion of Drilling: 23.00 ft
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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USER NAME = jkellman
PLOT SCALE = 1:8000 1/4 IN.
PLOT DATE = 2/15/2011

DESIGNED - CRC
DRAWN - JMK
CHECKED - SNS
DATE - 1/7/2011

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
SOIL BORING LOG

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

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|---------|--------|---------------------------|-----------|
| 80 | 99-5R-1 | WILL | 112 | 30 |
| CONTRACT NO. 60N86 | | | ILLINOIS FED. AID PROJECT | |