CONTRACT NO. 63075

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 361 | 06-00214-20-BR | KANE | 320 | 212 |
| STA. 511+80.00 | TO STA. 609+14.92 | | | |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT | | |

SHEET NO. S107 OF S108

## BORING NO. BP-3


Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
wangeng@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938




### BORING LOG BP-3

WEI Job No.: 707-11-01

Client: Baker Engineering, Inc.
Project: New Stearns Road over Fox River
Location: Sec. 2 and 3, T 40 N, R 8 E of Geneva Quadrangle

Datum: NGVD
Elevation: 691.47 ft
North: 1934523.31 ft
East: 994842.81 ft
Station: 569+53.56
Offset: 34.62 LT

| Profile | Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type / recovery | Sample No. | SPT Values (blw6 in) | Qu (tsf) | Moisture Content (%) |
|---|---|---|---|---|---|---|---|---|
| | 690.8 | 6.5-inch thick CONCRETE —PAVEMENT— | | | | | | |
| | | Medium dense, brown SANDY GRAVEL | | | 1 | 4 9 8 | NP | 7 |
| | 688.5 | | 5 | | | | | |
| | | Medium dense, brown and gray SANDY GRAVEL | | | 2 | 2 8 16 | NP | 10 |
| | | | | | 3 | 4 7 9 | NP | 7 |
| | 683.5 | Loose, medium to course GRAVEL | 10 | | 4 | 3 4 2 | NP | 7 |
| | 681.0 | Medium dense, brown and gray SANDY GRAVEL | | | 5 | 2 4 7 | NP | 15 |
| | | | 15 | | 6 | 3 6 14 | NP | 7 |
| | 676.0 | Medium dense, brown SAND | | | | | | |
| | 674.7 | Medium dense, brown SANDY GRAVEL | | | 7 | 4 11 15 | NP | 18 |
| | 672.5 | Hard, gray SILTY CLAY, little gravel | 20 | | 8 | 3 7 14 | >4.5 P | 8 |
| | 671.5 | Dense, gray SANDY LOAM, trace gravel | | | 9 | 12 20 21 | NP | 25 |
| | | | 25 | | 10 | 12 18 19 | NP | 10 |

| Profile | Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type / recovery | Sample No. | SPT Values (blw6 in) | Qu (tsf) | Moisture Content (%) |
|---|---|---|---|---|---|---|---|---|
| | 666.0 | Stiff to very stiff, gray SILTY CLAY, trace to little gravel | | | 11 | 5 7 9 | 2.87 B | 9 |
| | | | 30 | | 12 | 5 8 6 | 1.48 B | 9 |
| | 661.0 | Dense to very dense, brown and gray GRAVEL | | | 13 | 17 26 16 | NP | 4 |
| | | | 35 | | 14 | 16 30.5" | NP | 12 |
| | | | 40 | | 15 | 16 24 16 | NP | 2 |
| | 649.7 | Dense, brown and gray SAND | | | | | | |
| | | | 45 | | 16 | 8 12 33 | NP | 6 |
| | 645.0 | Medium dense to dense, brown and gray SANDY GRAVEL | | | | | | |
| | | | 50 | | 17 | 17 14 17 | NP | 6 |

#### GENERAL NOTES

Begin Drilling: 08-12-2008 Complete Drilling: 08-12-2008
Drilling Contractor: WTS Drill Rig: Mobile B-57 TMR
Driller: K & J Logger: N. Davis Checked by: M. Kothawala
Drilling Method: 4.25"ID HSA; Boring Backfilled Upon Completion

#### WATER LEVEL DATA

While Drilling: ▽ 6.00 ft
At Completion of Drilling: ▼ 3.00 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.

WANGENGINC 707DRILGPJ WANGENG.GDT 12/4/08

## BORING NO. BP-3


Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
wangeng@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938




### BORING LOG BP-3


WEI Job No.: 707-11-01

Client: Baker Engineering, Inc.
Project: New Stearns Road over Fox River
Location: Sec. 2 and 3, T 40 N, R 8 E of Geneva Quadrangle

Datum: NGVD
Elevation: 691.47 ft
North: 1934523.31 ft
East: 994842.81 ft
Station: 569+53.56
Offset: 34.62 LT


| Profile | Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type / recovery | Sample No. | SPT Values (blw6 in) | Qu (tsf) | Moisture Content (%) |
|---|---|---|---|---|---|---|---|---|
| | 634.5 | Very stiff to hard, gray SILTY CLAY, trace gravel | 55 | | 18 | 8 4 6 | NP | 8 |
| | | | 60 | | 19 | 10 17 23 | 4.35 B | 14 |
| | | | 65 | | 20 | 5 9 15 | 3.69 B | 15 |
| | | | | | 21 | 8 13 18 | >4.5 P | 16 |
| | 626.0 | Stiff, gray SILTY CLAY, trace gravel | 70 | | 22 | 8 10 16 | 1.97 B | 15 |
| | 623.5 | Hard, gray SILTY CLAY, trace gravel | | | 23 | 12 19 24 | 5.33 B | 12 |
| | | | 75 | | 24 | 11 23 30 | 5.08 B | 13 |

| Profile | Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type / recovery | Sample No. | SPT Values (blw6 in) | Qu (tsf) | Moisture Content (%) |
|---|---|---|---|---|---|---|---|---|
| | 611.5 | Boring terminated at 80.00 ft | 80 | | 25 | 12 25 38 | 10.25 B | |
| | | | 85 | | | | | |
| | | | 90 | | | | | |
| | | | 95 | | | | | |
| | | | 100 | | | | | |

#### GENERAL NOTES


Begin Drilling: 08-12-2008 Complete Drilling: 08-12-2008
Drilling Contractor: WTS Drill Rig: Mobile B-57 TMR
Driller: K & J Logger: N. Davis Checked by: M. Kothawala
Drilling Method: 4.25"ID HSA; Boring Backfilled Upon Completion


#### WATER LEVEL DATA


While Drilling: ▽ 6.00 ft
At Completion of Drilling: ▼ 3.00 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.


WANGENGINC 707DRILGPJ WANGENG.GDT 12/4/08

| REVISIONS | |
|---|---|
| NAME | DATE |
| | |

Baker
Baker Engineering, Inc.

ILLINOIS DEPARTMENT OF TRANSPORTATION

## SOIL BORING LOG XVII

MULTI-USE PATH BRIDGE
OVER THE FOX RIVER
STRUCTURE NUMBER 045-3164

PUBLIC WATERS

KANE COUNTY
STATION 572+37.71
FAP 361 SECTION 06-00214-20-BR
DESIGNED: WEI DRAWN: SGW
DATE: JANUARY 16, 2009 CHECKED: WEI CHECKED: DFM

h:\il3005\3.0 phase II deliverables\3.3 structure\drawings\final\045-3166 Boring Log 17.dgn
1/15/2009