## Patrick Engineering
## STRUCTURE BORING LOG


Date 12/22/09

ROUTE _____ DESCRIPTION Fullerton Avenue Bridge

SECT. 08-01120-00-BR STRUCT. NO. 022-3037 DRILLED BY Groff Testing Corp.

COUNTY DuPage LOCATION Addison, IL S. 34, TWP. 40N, RNG. 11E

Boring No. B-1-09
Station 12+75
Offset 20.00ft L
Surface Elev. 678.50 ft

Surface Water Elev. _____
Groundwater Elev.:
when drilling 663.0
at Completion 666.5
after _____ Hrs. _____

| Description | Elev. | DEPTH | BLOWS | Qu tsf | W % | Notes |
|---|---|---|---|---|---|---|
| Sidewalk concrete 9.5" | 677.71 | | | | | |
| Brown silty clay fill, trace medium sand, with organics, medium stiff, moist A-7-6 | | | 3 3 3 | 1.28* | 23 | |
| | | | 3 3 4 | 1.90* | 24 | |
| | | -5 | | | | |
| Trace organics, moist | | | 2 2 2 | 0.90* | 26 | |
| LL=43 PI=24 | | | ST | 0.87 | 26 | |
| | | -10 | | | | |
| Brown and gray silty clay, trace medium sand, with fine sand, trace organics, medium stiff, moist | 667.50 | | 2 3 3 | 0.95* | 25 | |
| Black sandy loam, some fines, trace fine gravel, moist | 665.50 | | 1 2 1 | NP | 26 | |
| | | -15 | | | | |
| | | | 3 3 4 | NP | 13 | LL=20 PI=8 |
| | | | 2 3 3 | NP | 18 | Very hard with medium sand seams with gravel |
| | | -20 | | | | |
| Gray silty clay, trace fine gravel, with fine sand, stiff, moist A-4 | 657.50 | | 3 3 4 | 1.32* | 13 | |
| | | | 3 3 9 | 0.82* | 14 | |
| | | -25 | | | | |

| Description | DEPTH | BLOWS | Qu tsf | W % |
|---|---|---|---|---|
| | | 4 2 4 | 1.86* | 11 |
| | | 2 3 6 | 1.57* | 20 |
| | -30 | | | |
| | | 3 6 5 | 2.11* | 11 |
| | -35 | | | |
| | | 25 20 15 | | |
| | -40 | | | |
| | | 8 5 9 | 3.43* | 9 |
| | | 43 35 26 | | 12 |
| | -45 | | | |
| | | 6 9 15 | | 11 |
| | -50 | | | |

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

## Patrick Engineering
## STRUCTURE BORING LOG


Date 12/22/09

022-3037
08-01120-00-BR
DuPage

Boring No. B-1-09
Station 12+75
Offset 20.00ft L
628.50 ft

| Description | Elev. | DEPTH | BLOWS | Qu tsf | W % |
|---|---|---|---|---|---|
| Gray silty loam, little fine gravel and medium sand | 626.50 | | | | |
| | | | 24 29 67/5" | NP | 12 |
| | | -55 | | | |
| Gray silty clay, with fine gravel, fine to medium sand, very stiff, moist | 620.00 | | 58 62 79 | 2.98* | 20 |
| End of Boring at 60.0' | 618.50 | -60 | | | |
| | | -65 | | | |
| | | -70 | | | |
| | | -75 | | | |

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

| QUIGG ENGINEERING INC | USER NAME | DESIGNED - RJP | REVISED | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | BORING LOGS STRUCTURE NO. 022-3041 | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | CHECKED - MJT | REVISED | | | | 08-01120-00-BR | DUPAGE | 38 | 33 |
| | PLOT SCALE | DRAWN - JTF | REVISED | | | | | CONTRACT NO. 63785 | | |
| | PLOT DATE | CHECKED - MJT | REVISED | | SHEET NO. 17 OF 18 SHEETS | | | ILLINOIS FED. AID PROJECT | | |