



SOIL BORING LOG

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Date 2/5/14

ROUTE IL 6 DESCRIPTION Airport Rd at Exit I-474 E LOGGED BY AB

SECTION D-4 Sign Truss LOCATION Peoria, SEC. 14, TWP. 8N, R9G. 7E

COUNTY Peoria DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 4S072H74L004.92(exist)
 Station _____
 BORING NO. 4-20 (Median)
 Station 191+47
 Offset 0.0 ft on Median CL
 Ground Surface Elev. 642.00 ft

| DEPTH (ft) | SOIL DESCRIPTION | UCS (tsf) | Failure Mode | SPT (blows) |
|------------|--|-----------|--------------|-------------|
| 0-2 | CLAY, brown, stiff (first sample frozen) | | | |
| 2-3 | | | | 3 |
| 3-5 | | 2.0 | S | 21 |
| 5-8 | | | | 3 |
| 8-10 | | | | 3 |
| 10-12 | CLAY, brown and gray, stiff | | | |
| 12-14 | | | | 3 |
| 14-16 | | 2.0 | P | 21 |
| 16-18 | | | | 7 |
| 18-20 | | | | 10 |
| 20-22 | SILTY CLAY LOAM, brown and gray, very stiff to hard | | | |
| 22-24 | | | | 18 |
| 24-26 | | | | 26 |
| 26-28 | | | | 20 |
| 28-30 | End of Boring | | | 50/4* |
| 30-32 | | | | |
| 32-34 | SILTY LOAM, brown and gray, stiff | | | |
| 34-36 | | | | 3 |
| 36-38 | | | | 4 |
| 38-40 | | | | 5 |
| 40-42 | | | | 19 |
| 42-44 | | | | |
| 44-46 | SILTY CLAY LOAM, brown and gray, stiff to medium stiff | | | |
| 46-48 | | | | 4 |
| 48-50 | | 0.5 | P | 23 |
| 50-52 | | | | 6 |
| 52-54 | | | | |
| 54-56 | SILTY CLAY, brown, medium stiff | | | |
| 56-58 | | | | 4 |
| 58-60 | | 0.6 | B | 25 |
| 60-62 | | | | 5 |
| 62-64 | | | | |
| 64-66 | | | | 4 |
| 66-68 | | | | 2 |
| 68-70 | | 0.5 | S | 25 |
| 70-72 | | | | 2 |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
 BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

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Date 2/4/14

ROUTE IL 6 DESCRIPTION Airport Rd at Exit I-474 E LOGGED BY AB

SECTION D-4 Sign Truss LOCATION Peoria, SEC. 14, TWP. 8N, R9G. 7E

COUNTY Peoria DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 4S072H74L004.92(exist)
 Station _____
 BORING NO. 4-20 (Shoulder)
 Station 190+93
 Offset 49.0 ft Lt Median CL
 Ground Surface Elev. 639.74 ft

| DEPTH (ft) | SOIL DESCRIPTION | UCS (tsf) | Failure Mode | SPT (blows) |
|------------|--|-----------|--------------|-------------|
| 0-2 | CLAY, brown, very soft to medium stiff (first sample frozen) | | | |
| 2-3 | | | | 5 |
| 3-4 | | <0.5 | P | 27 |
| 4-5 | | | | 4 |
| 5-6 | | | | 4 |
| 6-8 | | | | 2 |
| 8-10 | | <0.5 | P | 22 |
| 10-12 | | | | 3 |
| 12-14 | | | | 5 |
| 14-16 | | 1.5 | P | 17 |
| 16-18 | | | | 5 |
| 18-20 | | | | 3 |
| 20-22 | SILTY CLAY, brown and gray, stiff to medium stiff | | | |
| 22-24 | | | | 10 |
| 24-26 | | | | 18 |
| 26-28 | | | | 26 |
| 28-30 | | | | 20 |
| 30-32 | | | | 50/4* |
| 32-34 | | | | |
| 34-36 | | | | 3 |
| 36-38 | | | | 5 |
| 38-40 | | 0.5 | P | 29 |
| 40-42 | | | | 4 |
| 42-44 | | | | |
| 44-46 | | | | 2 |
| 46-48 | | | | 3 |
| 48-50 | | 0.5 | P | 25 |
| 50-52 | | | | 5 |
| 52-54 | | | | |
| 54-56 | | | | 3 |
| 56-58 | | | | 3 |
| 58-60 | | 0.3 | P | 25 |
| 60-62 | | | | 4 |
| 62-64 | | | | |
| 64-66 | | | | 2 |
| 66-68 | | | | 3 |
| 68-70 | | 1.0 | B | 25 |
| 70-72 | | | | 5 |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
 BBS, form 137 (Rev. 8-99)

| | | | | | | | | | | | |
|-------------------------------------|-----------------------|------------|-----------|---|--------------|---------------------------|-----------------------------|---------|--------------|-----------|--|
| FILE NAME : overhead sign plans.dgn | USER NAME : davis | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SOIL BORINGS | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| Model | PLOT SCALE : 3/8"=1' | DRAWN - | REVISED - | | | VAR | D-4 OVD SIGN STR REPL 14-47 | VARIOUS | 65 | 54 | |
| | PLOT DATE : 3/21/2014 | CHECKED - | REVISED - | | | CONTRACT NO. 46314 | | | | | |
| | | DATE - | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | | |