

| | | | |
|--------------|---------|-----------|-----------|
| ROUTE NO. | SECTION | COUNTY | SHEET NO. |
| FAI 74 | * | TAZEWELL | 1366 620 |
| SHEET NO. 19 | | 21 SHEETS | |
| *90-11HB-5 | | | |

| RSV ENGINEERING, INC. | | BORING LOG | | SCHAUMBURG, ILLINOIS | | | | |
|---------------------------------------------------------------------------------|-----------------------------------------------|-------------------|------------------|----------------------|-------------------|------------------------------------------|------------|-----------------|
| JOB NO: 98800 | CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION | BORING NO: RWJ3-2 | STATION: 10+251 | OFFSET: 7.0m L | SURF ELEV: 149.79 | | | |
| PROJECT: Interstate Route 74 Improvements - Peoria, Illinois | | | | | | | | |
| LOCATION: Retaining Wall Ramp J-3 SN 090-8513 | | | | | | | | |
| BORING RIG & METHOD: CME-75 w/Hollow Stem Augers | | | | | | | | |
| SOIL DESCRIPTION | ELEV. | DEPTH | SAMPLE FROM - TO | REC. | BLWFS | % | STRAIN | WATER CONTENT % |
| 50mm Root Zone Material; FILL: Black Clay Loam A-4; Organic matter noted | 148.78 | | 0.00-0.30 | 9 | Auger | | | 21 |
| FILL: Br Clay Loam A-4 | 148.87 | | 0.30-0.76 | 457 | 19-15 | 431* | | 11 |
| Medium Dense Br Sand A-3 | 148.11 | | 1.07-1.52 | 330 | 7-10 | | | 10 |
| | | | 1.83-1.95 | 127 | 120mm | | | 12 |
| Br & Gr SANDSTONE (very weakly cemented); Severely weathered Coal pockets noted | | | 2.59-2.74 | 152 | 100/150mm | | | 10 |
| Interbedded Gr Shale (thinly foliated) below 3.4m | 146.13 | | 3.35-3.81 | 457 | 11-5 | 48* | | 8 |
| Medium Stiff Gr Shaley CLAY (possible filled void; wood fragments noted) | 145.59 | | 4.11-4.57 | 457 | 5 | 388 | 6 | 17 |
| Hard Gr Shaley CLAY (slightly foliated) | 145.00 | | 4.88-4.97 | 76 | 100/75mm | | | 6 |
| | | | 5.64-5.94 | 305 | 12-100/150mm | | | 10 |
| Gr SHALE (thinly foliated) | | | 6.40-6.43 | 25 | 25mm | | | 11 |
| | | | 7.16-7.41 | 254 | 88-100/100mm | | | 10 |
| | | | 8.23-8.38 | 152 | 210/150mm | | | 5 |
| Boring terminated at 8.4m | | | | | | | | |
| REMARKS | | | | | | * Deviate Calculated Piezometer Estimate | | |
| WATER | Dry m | ELEV. | DURING DRILLING | CORE SIZE | mm | DATE: | Jun 21, 00 | |
| WATER | m | ELEV. | AT COMPLETION | CASING LENGTH | m | DRILLER: | Fehl | |
| WATER | Dry m | ELEV. | AFTER 14 HRS. | CASING DIAMETER | mm | INSPECTOR: | Rood | |

| CLAUDE H. HURLEY COMPANY | | BORING LOG | | BORING NO. SB-240 | |
|---------------------------------------------------------------------------------------------|-------|------------------|----------------|-------------------|-------------------|
| PROJECT NO. 3-380-D4 | | | | | |
| PROJECT FAI-74 IMPROVEMENTS - MAIN STREET CORRIDOR | | | | | |
| LOCATION BRIDGE NO. 090-0156 RAMP K-2BL 10+426.4 2.6mR PEORIA & TAZEWELL COUNTIES, ILLINOIS | | | | | |
| DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY | | | | | |
| DATE OF DRILLING: STARTED 3-29-96 COMPLETED 4-2-96 SURFACE ELEVATION 161.33 | | | | | |
| DRILLED BY: E. WULF/S. SCOTT | | | | | |
| CLASSIFICATION | | GROUNDWATER DATA | | DRILLING METHOD | |
| Elev | Depth | N | Q _u | W | T _u |
| | | Sp0.15m | KPa | % | Kgpm ² |
| | | | | | |
| TOPSOIL FILL: DK BR SILTY LOAM, A-6 | | AU | - | 17 | - |
| | | DD | 3-29 | 5.7 | - |
| | | | | | |
| 161.09 | | AU | 430 | 15 | - |
| | | WC | 4-2 | 14.6 | 0 |
| | | WC | 4-3 | 14.6 | 14 |
| | | | | | |
| | | AU | 430 | 13 | - |
| | | | | | |
| | | 3 | | | |
| | | 4 | 335 | 14 | - |
| | | 4 | | | |
| | | 9 | | | |
| | | 11 | | | |
| | | 15 | | | |
| | | 8 | | | |
| | | 8 | 295 | 15 | - |
| | | 12 | | | |
| | | 7 | | | |
| | | 11 | 400 | 13 | - |
| | | 11 | | | |
| | | 8 | | | |
| | | 7 | 335 | 13 | - |
| | | 11 | | | |
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| | | 7 | 765 | 13 | - |
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| CLAUDE H. HURLEY COMPANY | | BORING LOG | | BORING NO. SB-240 (CONT.) | |
|---------------------------------------------------------------------------------------------|-------|------------------|----------------|---------------------------|-------------------|
| PROJECT NO. 3-380-D4 | | | | | |
| PROJECT FAI-74 IMPROVEMENTS - MAIN STREET CORRIDOR | | | | | |
| LOCATION BRIDGE NO. 090-0156 RAMP K-2BL 10+426.4 2.6mR PEORIA & TAZEWELL COUNTIES, ILLINOIS | | | | | |
| DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY | | | | | |
| DATE OF DRILLING: STARTED 3-29-96 COMPLETED 4-2-96 SURFACE ELEVATION 161.33 | | | | | |
| DRILLED BY: B. WULF/S. SCOTT | | | | | |
| CLASSIFICATION | | GROUNDWATER DATA | | DRILLING METHOD | |
| Elev | Depth | N | Q _u | W | T _u |
| | | Sp0.15m | KPa | % | Kgpm ² |
| | | | | | |
| BR & GR HEAVILY CEMENTED SANDSTONE | | DD | 3-29 | 5.7 | - |
| | | | | | |
| 148.13 | | WC | 4-2 | 14.6 | 0 |
| | | WC | 4-3 | 14.6 | 14 |
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LIN ENGINEERING, LTD.
 200 W. Chestnut
 Channah, Illinois 62629
 (618) 453-4566
 FAX: (618) 453-4706
 Designed By: MTH Checked By: JRG Drawn By: JMD
 Date: 09/02 File: r2049-50008512.dwg

| REVISIONS | |
|-----------|-------------|
| NO. | DESCRIPTION |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 SOIL BORING DATA
 RETAINING WALL 81
 F.A.I. RTE. 74 (I-74)
 SECTION 90-11HB-5
 TAZEWELL COUNTY
 RAMP J-3 STATION 10+037 TO 10+213
 S.N. 090-8512