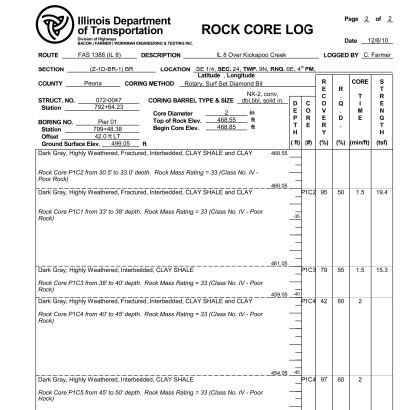
| Illinois Department of Transportation  Division of Highways Gootet Engineing & Teating, Inc. |                                 |                                    |        |             |                |             | sc          | IL BORING LOG  | Page                                  | Page <u>1</u> of <u>2</u> |             |  |
|--|---------------------------------|------------------------------------|--------|-------------|----------------|-------------|-------------|--|---------------------------------------|---------------------------|-------------|--|
|  |                                 |                                    |        |             |                |             |             |  | Date                                  | Date12/8/10               |             |  |
|  | ROUTE                           | FAS 1388 (IL 8)                    | _ DES  | CRI         | PTION          |             |             | IL 8 Over Kickapoo Creek LOG   | GED BY                                | C. Fa                     | armer       |  |
|  | SECTION (Z-1D-BR-1) BR LOCATIO  |                                    |        |             |                |             | SE 1/4      | , SEC. 24, TWP. 9N, RNG. 6E, 4 <sup>th</sup> PM,<br>de . Longitude                           | TWP. 9N, RNG. 6E, 4 <sup>th</sup> PN, |                           |             |  |
|  | COUNTY Peoria DRILLING METHOD   |                                    |        |             |                | _           |             | HSA HAMMER TYPE  | AUTO                                  |                           |             |  |
|  | Station                         | 072-0047<br>792+64.23              | _      | D<br>E<br>P | B<br>L<br>O    | U<br>C<br>S | M<br>O<br>I | Stream Bed Elev. 488.00 ft   |                                       | U<br>C<br>S               | M<br>O<br>I |  |
|  | BORING NO.<br>Station<br>Offset | Pier 01<br>799+48.38<br>42.0 ft LT | _      | Н           | w<br>s         | Qu          | S<br>T      | First Encounter 485.1 ft V   |                                       | Qu                        | S<br>T      |  |
| ı  | Ground Sur                      | face Elev. <u>499.05</u>           | ft     | (ft)        | (/ <b>6"</b> ) | (tsf)       | (%)         | Alter 27 IIIa. 404.1 ILT   | ft) (/6")                             | (tsf)                     | (%)         |  |
|  | Very Soft, Br<br>TOPSOIL wit    | th Organics                        | 497.55 | _           | 0              |             | 24          | Very Loose to Firm, Brown to Tan,<br>Coarse SAND w/ Soft Shale<br>Lenses (continued)         | 8 12                                  |                           | 16          |  |
|  | Very Stiff, Br<br>CLAY LOAM     | own, Moist, SILTY                  |        | _           |                |             |             | 476.55   | ]                                     |                           |             |  |
|  |                                 |                                    |        | _           | 13<br>10<br>10 |             | 12          | Very Stiff, Brown, Saturated, SILTY CLAY LOAM  | 3<br>- 5<br>12                        |                           | 19          |  |
|  |                                 |                                    | 494.05 | -5          | 4              |             |             | 474.05 -:  | 25                                    |                           |             |  |
|  | Loose, Ian, I                   | Moist, SANDY LOAM                  | -      | _           | 3              |             | 8           | Firm, Brown to Tan, Saturated,<br>Coarse SAND  | 5 15                                  |                           | 17          |  |
|  | Very Loose to                   | o Loose, Brown to                  | 491.55 |             | 1              |             |             | -  |                                       |                           | 20          |  |
|  |                                 | SANDY LOAM                         |        | _           | 1 2            |             | 28          | Firm, Brown to Tan, Saturated,   | 7                                     |                           |             |  |
|  |                                 |                                    |        | -10         |                |             |             | Coarse SAND w/ Shale<br>Fragments 469.05   |                                       |                           |             |  |
|  |                                 |                                    |        | _           | 1 1 1          |             | 29          | Dark Gray, Highly Weathered, 468.55<br>Interbedded, CLAY SHALE  Borehole continued with rock | 50/0.4                                |                           |             |  |
|  |                                 |                                    |        | _           | '              |             |             | coring.  | _                                     |                           |             |  |
|  |                                 |                                    |        | _           | 1              |             | 15          |  |                                       |                           |             |  |
|  |                                 |                                    | 7      | _           | 2              |             | 13          |  | _                                     |                           |             |  |
|  |                                 |                                    |        | <b>y</b> 15 | 2              |             |             |  | 35                                    |                           |             |  |
|  |                                 |                                    |        | Ξ           | 4 2            |             | 16          |  | ]                                     |                           |             |  |
|  | Very Loose to                   | o Firm, Brown to Tan,              | 481.55 | _           | 4              |             |             | <del>-</del>   | $\exists$                             |                           |             |  |
|  |                                 | D w/ Soft Shale                    | ¥-     | -           | 1              |             | 24          |  | ]                                     |                           |             |  |
| - 1  |                                 |                                    |        |             | 1              |             | 1           |  | - 1                                   | ( I                       |             |  |

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)



Color pictures of the cores Yes
Cores will be stored for examination until 12/8/12
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)

FILE NAME = 0720229-68697-030-Soil Boring Logs.dgn BACON FARMER WORKMAN ENGINEERING & TESTING, INC.

| П | USER NAME =           | DESIGNED - | BWP | REVISED - |
|---|-----------------------|------------|-----|-----------|
| П |                       | CHECKED -  | CMV | REVISED - |
|   | PLOT SCALE =          | DRAWN -    | BWP | REVISED - |
|   | PLOT DATE = 3/18/2014 | CHECKED -  | CMV | REVISED - |



| SOIL BORING LOGS          | F.A.S.<br>RTE. | SECTION         | COUNTY     | TOTAL<br>SHEETS | SHEET<br>NO. |
|---------------------------|----------------|-----------------|------------|-----------------|--------------|
| STRUCTURE NO. 072-0229    | 1388           | (Z-1D-BR-1)BR   | PEORIA     | 89              | 72           |
| 3111001011L 140. 072-0223 |                |                 | CONTRACT   | NO. 6           | 8697         |
| SHEET NO. 30 OF 34 SHEETS |                | ILLINOIS FED. A | ID PROJECT |                 |              |