

| ILLINOIS DEPARTMENT OF TRANSPORTATION Testing Service Corporation STRUCTURE BORING LOG | | | | | | | | | | Page 1 of 2 | | | |
|--|--------------|-------------------|------------------|----------|----------|------------|----------|---------------------|--------------------|---------------------|----------|------------|----------|
| ROUTE <u>U. S. 34</u> DESCRIPTION <u>Route 94 Bridge</u> | | | | | | | | | | Date <u>9/10/11</u> | | | |
| SECT. <u>7-2-6-1</u> STRUCT. NO. _____ DRILLED BY <u>B. Williamson</u> | | | | | | | | | | | | | |
| COUNTY <u>Henderson</u> LOCATION <u>Gladstone Township</u> S. <u>24</u> , TWP. <u>10N</u> , RNG. <u>5W</u> | | | | | | | | | | | | | |
| Boring No. | Station | Offset | Surface Elev. | D | B | Qu | W | Surface Water Elev. | Groundwater Elev.: | D | B | Qu | W |
| <u>R94-06</u> | <u>25+65</u> | <u>31.00ft RT</u> | <u>718.20</u> ft | <u>H</u> | <u>S</u> | <u>tsf</u> | <u>%</u> | <u>708.2</u> | <u>713.2</u> | <u>H</u> | <u>S</u> | <u>tsf</u> | <u>%</u> |
| Dark brown SILTY LOAM | | | | | | | | | | | | | |
| 717.20 | | | | | | | | | | | | | |
| Medium stiff dark brown-brown SILTY CLAY LOAM | | | | | | | | | | | | | |
| 715.20 | | | | | | | | | | | | | |
| Soft to medium stiff brown-gray SILTY CLAY LOAM | | | | | | | | | | | | | |
| -5 | | | | | | | | | | | | | |
| PUSH TUBE P 0.3 33 35 29 | | | | | | | | | | | | | |
| 0 S 29 | | | | | | | | | | | | | |
| 1 1 0.85 | | | | | | | | | | | | | |
| -10 | | | | | | | | | | | | | |
| Medium stiff brown SILTY CLAY LOAM | | | | | | | | | | | | | |
| 707.20 | | | | | | | | | | | | | |
| PUSH TUBE | | | | | | | | | | | | | |
| -15 | | | | | | | | | | | | | |
| 1 B 24 | | | | | | | | | | | | | |
| 2 2 0.81 | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | |
| 700.20 | | | | | | | | | | | | | |
| Very stiff to stiff brown SILTY CLAY LOAM | | | | | | | | | | | | | |
| -20 | | | | | | | | | | | | | |
| 2 B 26 | | | | | | | | | | | | | |
| 4 4 3.88 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| -25 | | | | | | | | | | | | | |
| 3 S 27 | | | | | | | | | | | | | |
| 4 4 1.07 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| -50 | | | | | | | | | | | | | |
| 3 B 16 | | | | | | | | | | | | | |
| 6 6 3.05 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |

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

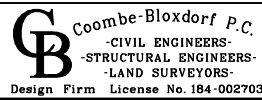
| ILLINOIS DEPARTMENT OF TRANSPORTATION Testing Service Corporation STRUCTURE BORING LOG | | | | | | | | | | Page 2 of 2 |
|---|----------|------------|----------|---------------------|--------------------|----------|----------|------------|----------|---------------------|
| STRUCTURE NO. _____ ROUTE <u>U. S. 34</u> | | | | | | | | | | Date <u>5/10/11</u> |
| SECTION <u>7-2-6-1</u> COUNTY <u>Henderson</u> | | | | | | | | | | |
| Boring No. <u>R94-06</u> Station <u>25+65</u> Offset <u>31.00ft RT</u> Elevation <u>668.20</u> ft | | | | | | | | | | |
| D | B | Qu | W | Surface Water Elev. | Groundwater Elev.: | D | B | Qu | W | |
| <u>H</u> | <u>S</u> | <u>tsf</u> | <u>%</u> | <u>708.2</u> | <u>713.2</u> | <u>H</u> | <u>S</u> | <u>tsf</u> | <u>%</u> | |
| Very stiff gray SILTY CLAY LOAM | | | | | | | | | | |
| 666.20 | | | | | | | | | | |
| Hard brown SILTY CLAY LOAM | | | | | | | | | | |
| 660.20 | | | | | | | | | | |
| Very stiff gray SANDY LOAM | | | | | | | | | | |
| 658.20 | | | | | | | | | | |
| SHALE | | | | | | | | | | |
| Hard drilling at 60' | | | | | | | | | | |
| Very hard drilling at 65' | | | | | | | | | | |
| 643.90 | | | | | | | | | | |
| -75 | | | | | | | | | | |
| 29 11 | | | | | | | | | | |
| 100/3" | | | | | | | | | | |
| -100 | | | | | | | | | | |

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|---|--------------|-------------------|------------------|----------|----------|------------|----------|---------------------|--------------------|--------------------|----------|------------|----------|
| ROUTE <u>U. S. 34</u> DESCRIPTION <u>Route 94 Bridge</u> | | | | | | | | | | Date <u>5/9/11</u> | | | |
| SECT. <u>7-2-6-1</u> STRUCT. NO. _____ DRILLED BY <u>B. Williamson</u> | | | | | | | | | | | | | |
| COUNTY <u>Henderson</u> LOCATION <u>Biggsville Township</u> S. <u>19</u> , TWP. <u>10N</u> , RNG. <u>4W</u> | | | | | | | | | | | | | |
| Boring No. | Station | Offset | Surface Elev. | D | B | Qu | W | Surface Water Elev. | Groundwater Elev.: | D | B | Qu | W |
| <u>R94-07</u> | <u>26+72</u> | <u>38.00ft LT</u> | <u>718.80</u> ft | <u>H</u> | <u>S</u> | <u>tsf</u> | <u>%</u> | <u>712.8</u> | <u>712.8</u> | <u>H</u> | <u>S</u> | <u>tsf</u> | <u>%</u> |
| Stiff dark brown SILTY LOAM | | | | | | | | | | | | | |
| 715.80 | | | | | | | | | | | | | |
| Stiff brown-gray SILTY CLAY LOAM | | | | | | | | | | | | | |
| 713.30 | | | | | | | | | | | | | |
| Medium stiff brown-gray SILTY CLAY LOAM | | | | | | | | | | | | | |
| 686.80 | | | | | | | | | | | | | |
| Hard to very stiff brown SILTY CLAY LOAM | | | | | | | | | | | | | |
| 708.30 | | | | | | | | | | | | | |
| Stiff brown-gray SILTY CLAY LOAM | | | | | | | | | | | | | |
| 705.80 | | | | | | | | | | | | | |
| Stiff gray-brown SILTY LOAM | | | | | | | | | | | | | |
| 702.80 | | | | | | | | | | | | | |
| Medium stiff brown SILTY CLAY LOAM | | | | | | | | | | | | | |
| 700.80 | | | | | | | | | | | | | |
| Very stiff brown SILTY CLAY LOAM | | | | | | | | | | | | | |
| 696.80 | | | | | | | | | | | | | |
| Stiff brown SILTY CLAY LOAM | | | | | | | | | | | | | |
| 670.80 | | | | | | | | | | | | | |
| Very stiff gray SILTY CLAY LOAM | | | | | | | | | | | | | |
| 668.80 | | | | | | | | | | | | | |
| -50 | | | | | | | | | | | | | |
| 3 B 14 | | | | | | | | | | | | | |
| 6 6 3.10 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |

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

FILE NAME = G:\09-022-borings.dgn
PROJECT NO. 04065



| | | |
|---------------------------------|-----------------------|-----------|
| USER NAME = <u>.MML.</u> | DESIGNED - <u>RKM</u> | REVISED - |
| PLOT SCALE = <u>0.2</u> ' / IN. | CHECKED - | REVISED - |
| PLOT DATE = <u>10/16/2012</u> | DRAWN - <u>MML</u> | REVISED - |
| | CHECKED - <u>MCB</u> | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS
STRUCTURE NO. 036-0065**

SHEET NO. 22 OF 23 SHEETS

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------|-----------|--------------|-----------|
| 534 | 7-2, 6-1 | HENDERSON | 976 | 520 |
| CONTRACT NO. 68409 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |