

**BEAM 1**

| Locations     | Stations   | Offset | Theoretical Grade Elevations | Elevations Adjusted For DL Deflections |
|---------------|------------|--------|------------------------------|--|
| Bk W Abut     | 135+04.787 | -47.33 | 896.874                      | 896.874                                |
| CL Brg W Abut | 135+06.230 | -47.33 | 896.880                      | 896.880                                |
| A             | 135+16.230 | -47.33 | 896.921                      | 897.042                                |
| B             | 135+26.230 | -47.33 | 896.957                      | 897.182                                |
| C             | 135+36.230 | -47.33 | 896.986                      | 897.290                                |
| D             | 135+46.230 | -47.33 | 897.009                      | 897.358                                |
| E             | 135+56.230 | -47.33 | 897.026                      | 897.381                                |
| F             | 135+66.230 | -47.33 | 897.038                      | 897.359                                |
| G             | 135+76.230 | -47.33 | 897.043                      | 897.295                                |
| H             | 135+86.230 | -47.33 | 897.042                      | 897.195                                |
| CL Brg E Abut | 135+99.110 | -47.33 | 897.032                      | 897.032                                |
| Bk E Abut     | 136+00.554 | -47.33 | 897.031                      | 897.031                                |

**BEAM 2**

| Locations     | Stations   | Offset | Theoretical Grade Elevations | Elevations Adjusted For DL Deflections |
|---------------|------------|--------|------------------------------|--|
| Bk W Abut     | 135+08.636 | -40.67 | 897.024                      | 897.024                                |
| CL Brg W Abut | 135+10.080 | -40.67 | 897.030                      | 897.030                                |
| A             | 135+20.080 | -40.67 | 897.069                      | 897.189                                |
| B             | 135+30.080 | -40.67 | 897.102                      | 897.328                                |
| C             | 135+40.080 | -40.67 | 897.129                      | 897.433                                |
| D             | 135+50.080 | -40.67 | 897.150                      | 897.499                                |
| E             | 135+60.080 | -40.67 | 897.165                      | 897.520                                |
| F             | 135+70.080 | -40.67 | 897.174                      | 897.495                                |
| G             | 135+80.080 | -40.67 | 897.177                      | 897.429                                |
| H             | 135+90.080 | -40.67 | 897.174                      | 897.327                                |
| CL Brg E Abut | 136+02.960 | -40.67 | 897.161                      | 897.161                                |
| Bk E Abut     | 136+04.403 | -40.67 | 897.159                      | 897.159                                |

**BEAM 3**

| Locations     | Stations   | Offset | Theoretical Grade Elevations | Elevations Adjusted For DL Deflections |
|---------------|------------|--------|------------------------------|--|
| Bk W Abut     | 135+12.485 | -34.00 | 897.173                      | 897.173                                |
| CL Brg W Abut | 135+13.929 | -34.00 | 897.179                      | 897.179                                |
| A             | 135+23.929 | -34.00 | 897.216                      | 897.336                                |
| B             | 135+33.929 | -34.00 | 897.246                      | 897.472                                |
| C             | 135+43.929 | -34.00 | 897.271                      | 897.575                                |
| D             | 135+53.929 | -34.00 | 897.290                      | 897.639                                |
| E             | 135+63.929 | -34.00 | 897.302                      | 897.657                                |
| F             | 135+73.929 | -34.00 | 897.309                      | 897.631                                |
| G             | 135+83.929 | -34.00 | 897.310                      | 897.562                                |
| H             | 135+93.929 | -34.00 | 897.304                      | 897.457                                |
| CL Brg E Abut | 136+06.809 | -34.00 | 897.288                      | 897.288                                |
| Bk E Abut     | 136+08.252 | -34.00 | 897.286                      | 897.286                                |

**BEAM 4**

| Locations     | Stations   | Offset | Theoretical Grade Elevations | Elevations Adjusted For DL Deflections |
|---------------|------------|--------|------------------------------|--|
| Bk W Abut     | 135+16.334 | -27.33 | 897.322                      | 897.322                                |
| CL Brg W Abut | 135+17.778 | -27.33 | 897.327                      | 897.327                                |
| A             | 135+27.778 | -27.33 | 897.362                      | 897.482                                |
| B             | 135+37.778 | -27.33 | 897.390                      | 897.616                                |
| C             | 135+47.778 | -27.33 | 897.412                      | 897.717                                |
| D             | 135+57.778 | -27.33 | 897.429                      | 897.777                                |
| E             | 135+67.778 | -27.33 | 897.439                      | 897.794                                |
| F             | 135+77.778 | -27.33 | 897.443                      | 897.765                                |
| G             | 135+87.778 | -27.33 | 897.442                      | 897.694                                |
| H             | 135+97.778 | -27.33 | 897.434                      | 897.587                                |
| CL Brg E Abut | 136+10.658 | -27.33 | 897.415                      | 897.415                                |
| Bk E Abut     | 136+12.101 | -27.33 | 897.412                      | 897.412                                |

**BEAM 5**

| Locations     | Stations   | Offset | Theoretical Grade Elevations | Elevations Adjusted For DL Deflections |
|---------------|------------|--------|------------------------------|--|
| Bk W Abut     | 135+20.183 | -20.67 | 897.469                      | 897.469                                |
| CL Brg W Abut | 135+21.627 | -20.67 | 897.474                      | 897.474                                |
| A             | 135+31.627 | -20.67 | 897.506                      | 897.627                                |
| B             | 135+41.627 | -20.67 | 897.532                      | 897.758                                |
| C             | 135+51.627 | -20.67 | 897.553                      | 897.857                                |
| D             | 135+61.627 | -20.67 | 897.567                      | 897.915                                |
| E             | 135+71.627 | -20.67 | 897.575                      | 897.929                                |
| F             | 135+81.627 | -20.67 | 897.577                      | 897.898                                |
| G             | 135+91.627 | -20.67 | 897.573                      | 897.825                                |
| H             | 136+01.627 | -20.67 | 897.563                      | 897.716                                |
| CL Brg E Abut | 136+14.507 | -20.67 | 897.541                      | 897.541                                |
| Bk E Abut     | 136+15.950 | -20.67 | 897.538                      | 897.538                                |

**BEAM 6**

| Locations     | Stations   | Offset | Theoretical Grade Elevations | Elevations Adjusted For DL Deflections |
|---------------|------------|--------|------------------------------|--|
| Bk W Abut     | 135+24.032 | -14.00 | 897.616                      | 897.616                                |
| CL Brg W Abut | 135+25.476 | -14.00 | 897.621                      | 897.621                                |
| A             | 135+35.476 | -14.00 | 897.651                      | 897.771                                |
| B             | 135+45.476 | -14.00 | 897.674                      | 897.900                                |
| C             | 135+55.476 | -14.00 | 897.692                      | 897.996                                |
| D             | 135+65.476 | -14.00 | 897.704                      | 898.053                                |
| E             | 135+75.476 | -14.00 | 897.709                      | 898.064                                |
| F             | 135+85.476 | -14.00 | 897.709                      | 898.031                                |
| G             | 135+95.476 | -14.00 | 897.703                      | 897.955                                |
| H             | 136+05.476 | -14.00 | 897.691                      | 897.843                                |
| CL Brg E Abut | 136+18.356 | -14.00 | 897.666                      | 897.666                                |
| Bk E Abut     | 136+19.799 | -14.00 | 897.662                      | 897.662                                |

**BEAM 7**

| Locations     | Stations   | Offset | Theoretical Grade Elevations | Elevations Adjusted For DL Deflections |
|---------------|------------|--------|------------------------------|--|
| Bk W Abut     | 135+27.881 | -7.33  | 897.729                      | 897.729                                |
| CL Brg W Abut | 135+29.325 | -7.33  | 897.733                      | 897.733                                |
| A             | 135+39.325 | -7.33  | 897.760                      | 897.881                                |
| B             | 135+49.325 | -7.33  | 897.782                      | 898.007                                |
| C             | 135+59.325 | -7.33  | 897.797                      | 898.102                                |
| D             | 135+69.325 | -7.33  | 897.807                      | 898.155                                |
| E             | 135+79.325 | -7.33  | 897.810                      | 898.165                                |
| F             | 135+89.325 | -7.33  | 897.807                      | 898.129                                |
| G             | 135+99.325 | -7.33  | 897.799                      | 898.051                                |
| H             | 136+09.325 | -7.33  | 897.784                      | 897.937                                |
| CL Brg E Abut | 136+22.205 | -7.33  | 897.757                      | 897.757                                |
| Bk E Abut     | 136+23.648 | -7.33  | 897.753                      | 897.753                                |

**BEAM 8**

| Locations     | Stations   | Offset | Theoretical Grade Elevations | Elevations Adjusted For DL Deflections |
|---------------|------------|--------|------------------------------|--|
| Bk W Abut     | 135+31.730 | -0.67  | 897.840                      | 897.840                                |
| CL Brg W Abut | 135+33.174 | -0.67  | 897.844                      | 897.844                                |
| A             | 135+43.174 | -0.67  | 897.869                      | 897.990                                |
| B             | 135+53.174 | -0.67  | 897.888                      | 898.114                                |
| C             | 135+63.174 | -0.67  | 897.902                      | 898.206                                |
| D             | 135+73.174 | -0.67  | 897.909                      | 898.258                                |
| E             | 135+83.174 | -0.67  | 897.910                      | 898.265                                |
| F             | 135+93.174 | -0.67  | 897.905                      | 898.227                                |
| G             | 136+03.174 | -0.67  | 897.894                      | 898.146                                |
| H             | 136+13.174 | -0.67  | 897.877                      | 898.030                                |
| CL Brg E Abut | 136+26.054 | -0.67  | 897.846                      | 897.846                                |
| Bk E Abut     | 136+27.497 | -0.67  | 897.842                      | 897.842                                |

**P.G.L.**

| Locations     | Stations   | Offset | Theoretical Grade Elevations | Elevations Adjusted For DL Deflections |
|---------------|------------|--------|------------------------------|--|
| Bk W Abut     | 135+32.115 | 0.000  | 897.851                      | 897.851                                |
| CL Brg W Abut | 135+33.558 | 0.000  | 897.855                      | 897.855                                |
| A             | 135+43.558 | 0.000  | 897.880                      | 898.001                                |
| B             | 135+53.558 | 0.000  | 897.899                      | 898.125                                |
| C             | 135+63.558 | 0.000  | 897.912                      | 898.216                                |
| D             | 135+73.558 | 0.000  | 897.919                      | 898.268                                |
| E             | 135+83.558 | 0.000  | 897.920                      | 898.274                                |
| F             | 135+93.558 | 0.000  | 897.914                      | 898.236                                |
| G             | 136+03.558 | 0.000  | 897.903                      | 898.155                                |
| H             | 136+13.558 | 0.000  | 897.886                      | 897.039                                |
| CL Brg E Abut | 136+26.438 | 0.000  | 897.855                      | 897.855                                |
| Bk E Abut     | 136+27.882 | 0.000  | 897.851                      | 897.851                                |

**CHRISTOPHER B. BURKE ENGINEERING, LTD.**  
 8575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500



F.A.S. 0130 -BIG TIMBER ROAD  
 OVER TYLER AND PINGREE CREEK  
 SECTION 01-00266-00-BR  
 KANE COUNTY, ILLINOIS  
 STA. 135+80.00  
 STRUCTURE NO. 045-3323

|   |                   |               |           |   |                               |   |                |        |              |           |  |
|---|-------------------|---------------|-----------|---|-------------------------------|---|----------------|--------|--------------|-----------|--|
| FILE NAME =                               | USER NAME = BLUKE | DESIGNED - MM | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>TOP OF DECK ELEVATIONS</b> | F.A.S. RTE.   | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |  |
| N:\kanecounty\04198\STRUCT.2\04198-54.SHT |                   | DRAWN - PDR   | REVISED - |   |                               | 0130  | 01-00266-00-BR | KANE   | 70           | 41        |  |
| PLOT SCALE = 1"                           |                   | CHECKED - MM  | REVISED - |   |                               | CONTRACT NO. 63196  |                |        |              |           |  |
| PLOT DATE = 2/7/2011                      |                   | DATE -        | REVISED - |   |                               | FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT BRM-8003043 |                |        |              |           |  |