

**GIRDER 4**

| Location        | Station    | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|-----------------|------------|--------|------------------------------|--|
| BK. W. ABUT.    | 101020.329 | 3.080  | 541.782                      | 541.782  |
| € BRG. W. ABUT  | 101023.249 | 3.112  | 541.781                      | 541.781  |
| A               | 101033.251 | 3.219  | 541.780                      | 541.802  |
| B               | 101043.253 | 3.318  | 541.778                      | 541.818  |
| C               | 101053.256 | 3.407  | 541.777                      | 541.826  |
| D               | 101063.259 | 3.488  | 541.776                      | 541.825  |
| E               | 101073.261 | 3.560  | 541.774                      | 541.815  |
| F               | 101083.264 | 3.624  | 541.773                      | 541.799  |
| G               | 101093.267 | 3.678  | 541.773                      | 541.783  |
| € PIER 1        | 101104.682 | 3.730  | 541.772                      | 541.772  |
| H               | 101114.685 | 3.766  | 541.771                      | 541.773  |
| I               | 101124.689 | 3.793  | 541.771                      | 541.782  |
| J               | 101134.692 | 3.812  | 541.771                      | 541.792  |
| K               | 101144.695 | 3.821  | 541.770                      | 541.800  |
| L               | 101154.698 | 3.822  | 541.770                      | 541.801  |
| M               | 101164.702 | 3.815  | 541.771                      | 541.797  |
| N               | 101174.705 | 3.799  | 541.771                      | 541.788  |
| O               | 101184.709 | 3.773  | 541.771                      | 541.778  |
| P               | 101194.712 | 3.739  | 541.772                      | 541.771  |
| € PIER 2        | 101200.053 | 3.717  | 541.772                      | 541.772  |
| Q               | 101210.056 | 3.670  | 541.773                      | 541.781  |
| R               | 101220.059 | 3.614  | 541.774                      | 541.797  |
| S               | 101230.062 | 3.549  | 541.775                      | 541.813  |
| T               | 101240.065 | 3.476  | 541.776                      | 541.824  |
| U               | 101250.068 | 3.394  | 541.777                      | 541.827  |
| V               | 101260.070 | 3.303  | 541.778                      | 541.820  |
| W               | 101270.073 | 3.203  | 541.780                      | 541.805  |
| € BRG. E. ABUT. | 101281.495 | 3.079  | 541.782                      | 541.782  |
| BK. E. ABUT.    | 101284.406 | 3.045  | 541.783                      | 541.783  |

**STAGED CONSTRUCTION JOINT**

| Location        | Station    | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|-----------------|------------|--------|------------------------------|--|
| BK. W. ABUT.    | 101023.196 | 8.174  | 541.703                      | 541.703  |
| € BRG. W. ABUT  | 101026.117 | 8.206  | 541.702                      | 541.702  |
| A               | 101036.124 | 8.311  | 541.700                      | 541.723  |
| B               | 101046.130 | 8.407  | 541.699                      | 541.739  |
| C               | 101056.137 | 8.494  | 541.698                      | 541.747  |
| D               | 101066.145 | 8.572  | 541.696                      | 541.745  |
| E               | 101076.152 | 8.642  | 541.695                      | 541.736  |
| F               | 101086.159 | 8.702  | 541.694                      | 541.720  |
| G               | 101096.167 | 8.755  | 541.693                      | 541.703  |
| € PIER 1        | 101107.586 | 8.803  | 541.693                      | 541.693  |
| H               | 101117.594 | 8.837  | 541.692                      | 541.694  |
| I               | 101127.602 | 8.861  | 541.692                      | 541.703  |
| J               | 101137.609 | 8.877  | 541.692                      | 541.713  |
| K               | 101147.617 | 8.885  | 541.691                      | 541.721  |
| L               | 101157.625 | 8.883  | 541.691                      | 541.722  |
| M               | 101167.633 | 8.873  | 541.692                      | 541.718  |
| N               | 101177.640 | 8.854  | 541.692                      | 541.709  |
| O               | 101187.648 | 8.826  | 541.692                      | 541.699  |
| P               | 101197.656 | 8.790  | 541.693                      | 541.693  |
| € PIER 2        | 101203.000 | 8.766  | 541.693                      | 541.693  |
| Q               | 101213.007 | 8.717  | 541.694                      | 541.702  |
| R               | 101223.015 | 8.658  | 541.695                      | 541.718  |
| S               | 101233.022 | 8.591  | 541.696                      | 541.735  |
| T               | 101243.029 | 8.515  | 541.697                      | 541.746  |
| U               | 101253.036 | 8.430  | 541.699                      | 541.748  |
| V               | 101263.043 | 8.336  | 541.700                      | 541.742  |
| W               | 101273.050 | 8.234  | 541.702                      | 541.727  |
| € BRG. E. ABUT. | 101284.477 | 8.107  | 541.704                      | 541.704  |
| BK. E. ABUT.    | 101287.389 | 8.072  | 541.704                      | 541.704  |

**GIRDER 5**

| Location        | Station    | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|-----------------|------------|--------|------------------------------|--|
| BK. W. ABUT.    | 101024.861 | 11.131 | 541.656                      | 541.656  |
| € BRG. W. ABUT  | 101027.783 | 11.162 | 541.656                      | 541.656  |
| A               | 101037.792 | 11.266 | 541.654                      | 541.676  |
| B               | 101047.801 | 11.360 | 541.653                      | 541.693  |
| C               | 101057.811 | 11.445 | 541.652                      | 541.701  |
| D               | 101067.821 | 11.522 | 541.650                      | 541.699  |
| E               | 101077.831 | 11.590 | 541.649                      | 541.690  |
| F               | 101087.841 | 11.650 | 541.648                      | 541.674  |
| G               | 101097.851 | 11.700 | 541.648                      | 541.657  |
| € PIER 1        | 101109.273 | 11.748 | 541.647                      | 541.647  |
| H               | 101119.283 | 11.780 | 541.646                      | 541.648  |
| I               | 101129.294 | 11.803 | 541.646                      | 541.657  |
| J               | 101139.304 | 11.817 | 541.646                      | 541.668  |
| K               | 101149.314 | 11.823 | 541.646                      | 541.675  |
| L               | 101159.325 | 11.820 | 541.646                      | 541.677  |
| M               | 101169.335 | 11.808 | 541.646                      | 541.672  |
| N               | 101179.345 | 11.788 | 541.646                      | 541.663  |
| O               | 101189.356 | 11.758 | 541.647                      | 541.653  |
| P               | 101199.366 | 11.720 | 541.647                      | 541.647  |
| € PIER 2        | 101204.711 | 11.697 | 541.648                      | 541.648  |
| Q               | 101214.721 | 11.645 | 541.648                      | 541.656  |
| R               | 101224.731 | 11.585 | 541.649                      | 541.673  |
| S               | 101234.741 | 11.516 | 541.650                      | 541.689  |
| T               | 101244.751 | 11.439 | 541.652                      | 541.700  |
| U               | 101254.760 | 11.352 | 541.653                      | 541.703  |
| V               | 101264.770 | 11.257 | 541.654                      | 541.696  |
| W               | 101274.779 | 11.154 | 541.656                      | 541.681  |
| € BRG. E. ABUT. | 101286.209 | 11.024 | 541.658                      | 541.658  |
| BK. E. ABUT.    | 101289.122 | 10.990 | 541.659                      | 541.659  |

**GIRDER 6**

| Location        | Station    | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|-----------------|------------|--------|------------------------------|--|
| BK. W. ABUT.    | 101029.399 | 19.180 | 541.531                      | 541.531  |
| € BRG. W. ABUT  | 101032.323 | 19.211 | 541.530                      | 541.530  |
| A               | 101042.339 | 19.310 | 541.529                      | 541.551  |
| B               | 101052.356 | 19.400 | 541.527                      | 541.567  |
| C               | 101062.372 | 19.482 | 541.526                      | 541.575  |
| D               | 101072.389 | 19.555 | 541.525                      | 541.574  |
| E               | 101082.406 | 19.619 | 541.524                      | 541.564  |
| F               | 101092.423 | 19.674 | 541.523                      | 541.549  |
| G               | 101102.440 | 19.721 | 541.522                      | 541.532  |
| € PIER 1        | 101113.871 | 19.763 | 541.522                      | 541.522  |
| H               | 101123.888 | 19.791 | 541.521                      | 541.523  |
| I               | 101133.905 | 19.810 | 541.521                      | 541.532  |
| J               | 101143.923 | 19.821 | 541.521                      | 541.543  |
| K               | 101153.940 | 19.823 | 541.521                      | 541.550  |
| L               | 101163.957 | 19.816 | 541.521                      | 541.552  |
| M               | 101173.975 | 19.800 | 541.521                      | 541.548  |
| N               | 101183.992 | 19.775 | 541.522                      | 541.539  |
| O               | 101194.009 | 19.742 | 541.522                      | 541.529  |
| P               | 101204.026 | 19.700 | 541.523                      | 541.522  |
| € PIER 2        | 101209.376 | 19.674 | 541.523                      | 541.523  |
| Q               | 101219.393 | 19.618 | 541.524                      | 541.532  |
| R               | 101229.409 | 19.554 | 541.525                      | 541.548  |
| S               | 101239.426 | 19.481 | 541.526                      | 541.565  |
| T               | 101249.443 | 19.400 | 541.527                      | 541.576  |
| U               | 101259.459 | 19.309 | 541.529                      | 541.579  |
| V               | 101269.476 | 19.210 | 541.530                      | 541.572  |
| W               | 101279.492 | 19.102 | 541.532                      | 541.557  |
| € BRG. E. ABUT. | 101290.930 | 18.968 | 541.534                      | 541.534  |
| BK. E. ABUT.    | 101293.845 | 18.932 | 541.535                      | 541.535  |

**GIRDER 3A**

| Location        | Station    | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|-----------------|------------|--------|------------------------------|--|
| BK. W. ABUT.    | 101034.370 | 27.982 | 541.394                      | 541.394  |
| € BRG. W. ABUT  | 101037.296 | 28.011 | 541.393                      | 541.393  |
| A               | 101047.320 | 28.106 | 541.392                      | 541.414  |
| B               | 101057.344 | 28.192 | 541.390                      | 541.430  |
| C               | 101067.369 | 28.269 | 541.389                      | 541.438  |
| D               | 101077.393 | 28.338 | 541.388                      | 541.437  |
| E               | 101087.418 | 28.398 | 541.387                      | 541.427  |
| F               | 101097.443 | 28.449 | 541.386                      | 541.412  |
| G               | 101107.468 | 28.491 | 541.386                      | 541.396  |
| € PIER 1        | 101118.907 | 28.529 | 541.385                      | 541.385  |
| H               | 101128.932 | 28.552 | 541.385                      | 541.387  |
| I               | 101138.957 | 28.567 | 541.385                      | 541.396  |
| J               | 101148.982 | 28.573 | 541.385                      | 541.406  |
| K               | 101159.007 | 28.570 | 541.384                      | 541.414  |
| L               | 101169.032 | 28.559 | 541.385                      | 541.416  |
| M               | 101179.057 | 28.538 | 541.385                      | 541.411  |
| N               | 101189.082 | 28.509 | 541.385                      | 541.403  |
| O               | 101199.107 | 28.472 | 541.386                      | 541.392  |
| P               | 101209.131 | 28.425 | 541.387                      | 541.386  |
| € PIER 2        | 101214.485 | 28.397 | 541.387                      | 541.387  |
| Q               | 101224.509 | 28.337 | 541.388                      | 541.396  |
| R               | 101234.534 | 28.268 | 541.389                      | 541.412  |
| S               | 101244.558 | 28.191 | 541.390                      | 541.429  |
| T               | 101254.582 | 28.105 | 541.392                      | 541.440  |
| U               | 101264.607 | 28.010 | 541.393                      | 541.443  |
| V               | 101274.630 | 27.906 | 541.395                      | 541.436  |
| W               | 101284.654 | 27.794 | 541.397                      | 541.422  |
| € BRG. E. ABUT. | 101296.101 | 27.655 | 541.399                      | 541.399  |
| BK. E. ABUT.    | 101299.018 | 27.617 | 541.399                      | 541.399  |

**GIRDER 4A**

| Location        | Station    | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|-----------------|------------|--------|------------------------------|--|
| BK. W. ABUT.    | 101039.349 | 36.782 | 541.256                      | 541.256  |
| € BRG. W. ABUT  | 101042.277 | 36.810 | 541.256                      | 541.256  |
| A               | 101052.309 | 36.900 | 541.255                      | 541.277  |
| B               | 101062.341 | 36.982 | 541.253                      | 541.293  |
| C               | 101072.373 | 37.055 | 541.252                      | 541.301  |
| D               | 101082.405 | 37.119 | 541.251                      | 541.300  |
| E               | 101092.438 | 37.174 | 541.250                      | 541.291  |
| F               | 101102.470 | 37.221 | 541.250                      | 541.275  |
| G               | 101112.503 | 37.259 | 541.249                      | 541.259  |
| € PIER 1        | 101123.951 | 37.291 | 541.248                      | 541.248  |
| H               | 101133.983 | 37.311 | 541.248                      | 541.250  |
| I               | 101144.016 | 37.321 | 541.248                      | 541.259  |
| J               | 101154.049 | 37.323 | 541.248                      | 541.270  |
| K               | 101164.081 | 37.315 | 541.248                      | 541.277  |
| L               | 101174.114 | 37.299 | 541.248                      | 541.279  |
| M               | 101184.147 | 37.275 | 541.249                      | 541.275  |
| N               | 101194.179 | 37.241 | 541.249                      | 541.266  |
| O               | 101204.212 | 37.199 | 541.250                      | 541.256  |
| P               | 101214.244 | 37.148 | 541.251                      | 541.250  |
| € PIER 2        | 101219.602 | 37.118 | 541.251                      | 541.251  |
| Q               | 101229.634 | 37.053 | 541.252                      | 541.260  |
| R               | 101239.666 | 36.980 | 541.253                      | 541.277  |
| S               | 101249.698 | 36.898 | 541.255                      | 541.293  |
| T               | 101259.730 | 36.807 | 541.256                      | 541.304  |
| U               | 101269.762 | 36.708 | 541.258                      | 541.307  |
| V               | 101279.793 | 36.600 | 541.259                      | 541.301  |
| W               | 101289.824 | 36.483 | 541.261                      | 541.286  |
| € BRG. E. ABUT. | 101301.280 | 36.339 | 541.263                      | 541.263  |
| BK. E. ABUT.    | 101304.199 | 36.300 | 541.264                      | 541.264  |

Work this sheet with sheets 5 & 6 of 29.

|  |   |                                |         |
|--|---|--------------------------------|---------|
| SHEET TITLE  |   | TOP OF SLAB ELEVATIONS         |         |
| PROJECT  | IL RTE. 32/33 OVER LITTLE WABASH RIVER<br>F.A.P. RTE. 774 SECTION 107BY<br>EFFINGHAM COUNTY<br>STATION 1011+50.17<br>STRUCTURE NO. 025-0078 | PROJECT NO.                    | 02017   |
| DRAWN BY   | TFG   | CHECKED BY                     | GJB/MCB |
| <b>COOMBE-BLOXDORF P.C.</b><br>Engineers / Land Surveyors<br>Springfield, Illinois<br>Design Firm License No. 184-002708 |   | DRAWING NO.<br>7<br>OF 29 SHTS |         |

DATE & SCALE

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