

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BEAM 2

| Location        | Station   | Offset | Theoretical<br>Grade<br>Elevations | Theoretical Grade<br>Elevations<br>Adjusted For Dead<br>Load Deflection |
|-----------------|-----------|--------|------------------------------------|-------------------------------------------------------------------------|
| Bk. W. Abut.    | 150+10.78 | -9.00  | 576.38                             | 576.38                                                                  |
| ℄ Brg. W. Abut. | 150+12.11 | -9.00  | 576.38                             | 576.38                                                                  |
| A               | 150+22.11 | -9.00  | 576.40                             | 576.43                                                                  |
| B               | 150+32.11 | -9.00  | 576.42                             | 576.47                                                                  |
| C               | 150+42.11 | -9.00  | 576.43                             | 576.49                                                                  |
| D               | 150+52.11 | -9.00  | 576.44                             | 576.49                                                                  |
| E               | 150+62.11 | -9.00  | 576.45                             | 576.47                                                                  |
| ℄ Brg. Pier     | 150+75.78 | -9.00  | 576.45                             | 576.45                                                                  |
| F               | 150+85.78 | -9.00  | 576.45                             | 576.46                                                                  |
| G               | 150+95.78 | -9.00  | 576.44                             | 576.48                                                                  |
| H               | 151+05.78 | -9.00  | 576.43                             | 576.48                                                                  |
| I               | 151+15.78 | -9.00  | 576.41                             | 576.47                                                                  |
| J               | 151+25.78 | -9.00  | 576.39                             | 576.44                                                                  |
| ℄ Brg. E. Abut. | 151+39.45 | -9.00  | 576.36                             | 576.36                                                                  |
| Bk. E. Abut.    | 151+40.78 | -9.00  | 576.36                             | 576.36                                                                  |

BEAM 3

| Location        | Station   | Offset | Theoretical<br>Grade<br>Elevations | Theoretical Grade<br>Elevations<br>Adjusted For Dead<br>Load Deflection |
|-----------------|-----------|--------|------------------------------------|-------------------------------------------------------------------------|
| Bk. W. Abut.    | 150+08.59 | -3.00  | 576.46                             | 576.46                                                                  |
| ℄ Brg. W. Abut. | 150+09.92 | -3.00  | 576.47                             | 576.47                                                                  |
| A               | 150+19.92 | -3.00  | 576.49                             | 576.52                                                                  |
| B               | 150+29.92 | -3.00  | 576.51                             | 576.56                                                                  |
| C               | 150+39.92 | -3.00  | 576.52                             | 576.58                                                                  |
| D               | 150+49.92 | -3.00  | 576.53                             | 576.58                                                                  |
| E               | 150+59.92 | -3.00  | 576.54                             | 576.56                                                                  |
| ℄ Brg. Pier     | 150+73.59 | -3.00  | 576.54                             | 576.54                                                                  |
| F               | 150+83.59 | -3.00  | 576.54                             | 576.55                                                                  |
| G               | 150+93.59 | -3.00  | 576.54                             | 576.57                                                                  |
| H               | 151+03.59 | -3.00  | 576.53                             | 576.58                                                                  |
| I               | 151+13.59 | -3.00  | 576.51                             | 576.57                                                                  |
| J               | 151+23.59 | -3.00  | 576.49                             | 576.53                                                                  |
| ℄ Brg. E. Abut. | 151+37.26 | -3.00  | 576.46                             | 576.46                                                                  |
| Bk. E. Abut.    | 151+38.59 | -3.00  | 576.46                             | 576.46                                                                  |

℄ RDWY., P.G., & STAGE CONSTRUCTION LINE

| Location        | Station   | Offset | Theoretical<br>Grade<br>Elevations | Theoretical Grade<br>Elevations<br>Adjusted For Dead<br>Load Deflection |
|-----------------|-----------|--------|------------------------------------|-------------------------------------------------------------------------|
| Bk. W. Abut.    | 150+07.50 | 0.00   | 576.51                             | 576.51                                                                  |
| ℄ Brg. W. Abut. | 150+08.83 | 0.00   | 576.51                             | 576.51                                                                  |
| A               | 150+18.83 | 0.00   | 576.53                             | 576.57                                                                  |
| B               | 150+28.83 | 0.00   | 576.55                             | 576.61                                                                  |
| C               | 150+38.83 | 0.00   | 576.57                             | 576.62                                                                  |
| D               | 150+48.83 | 0.00   | 576.58                             | 576.62                                                                  |
| E               | 150+58.83 | 0.00   | 576.59                             | 576.61                                                                  |
| ℄ Brg. Pier     | 150+72.50 | 0.00   | 576.59                             | 576.59                                                                  |
| F               | 150+82.50 | 0.00   | 576.59                             | 576.60                                                                  |
| G               | 150+92.50 | 0.00   | 576.58                             | 576.62                                                                  |
| H               | 151+02.50 | 0.00   | 576.57                             | 576.63                                                                  |
| I               | 151+12.50 | 0.00   | 576.56                             | 576.62                                                                  |
| J               | 151+22.50 | 0.00   | 576.54                             | 576.58                                                                  |
| ℄ Brg. E. Abut. | 151+36.17 | 0.00   | 576.51                             | 576.51                                                                  |
| Bk. E. Abut.    | 151+37.50 | 0.00   | 576.51                             | 576.51                                                                  |

BEAM 4

| Location        | Station   | Offset | Theoretical<br>Grade<br>Elevations | Theoretical Grade<br>Elevations<br>Adjusted For Dead<br>Load Deflection |
|-----------------|-----------|--------|------------------------------------|-------------------------------------------------------------------------|
| Bk. W. Abut.    | 150+06.41 | 3.00   | 576.46                             | 576.46                                                                  |
| ℄ Brg. W. Abut. | 150+07.74 | 3.00   | 576.46                             | 576.46                                                                  |
| A               | 150+17.74 | 3.00   | 576.49                             | 576.52                                                                  |
| B               | 150+27.74 | 3.00   | 576.51                             | 576.56                                                                  |
| C               | 150+37.74 | 3.00   | 576.52                             | 576.58                                                                  |
| D               | 150+47.74 | 3.00   | 576.53                             | 576.58                                                                  |
| E               | 150+57.74 | 3.00   | 576.54                             | 576.56                                                                  |
| ℄ Brg. Pier     | 150+71.41 | 3.00   | 576.54                             | 576.54                                                                  |
| F               | 150+81.41 | 3.00   | 576.54                             | 576.56                                                                  |
| G               | 150+91.41 | 3.00   | 576.54                             | 576.57                                                                  |
| H               | 151+01.41 | 3.00   | 576.53                             | 576.58                                                                  |
| I               | 151+11.41 | 3.00   | 576.51                             | 576.57                                                                  |
| J               | 151+21.41 | 3.00   | 576.50                             | 576.54                                                                  |
| ℄ Brg. E. Abut. | 151+35.08 | 3.00   | 576.47                             | 576.47                                                                  |
| Bk. E. Abut.    | 151+36.41 | 3.00   | 576.46                             | 576.46                                                                  |

BEAM 5

| Location        | Station   | Offset | Theoretical<br>Grade<br>Elevations | Theoretical Grade<br>Elevations<br>Adjusted For Dead<br>Load Deflection |
|-----------------|-----------|--------|------------------------------------|-------------------------------------------------------------------------|
| Bk. W. Abut.    | 150+04.22 | 9.00   | 576.36                             | 576.36                                                                  |
| ℄ Brg. W. Abut. | 150+05.55 | 9.00   | 576.36                             | 576.36                                                                  |
| A               | 150+15.55 | 9.00   | 576.39                             | 576.42                                                                  |
| B               | 150+25.55 | 9.00   | 576.41                             | 576.46                                                                  |
| C               | 150+35.55 | 9.00   | 576.42                             | 576.48                                                                  |
| D               | 150+45.55 | 9.00   | 576.44                             | 576.48                                                                  |
| E               | 150+55.55 | 9.00   | 576.45                             | 576.47                                                                  |
| ℄ Brg. Pier     | 150+69.22 | 9.00   | 576.45                             | 576.45                                                                  |
| F               | 150+79.22 | 9.00   | 576.45                             | 576.46                                                                  |
| G               | 150+89.22 | 9.00   | 576.45                             | 576.48                                                                  |
| H               | 150+99.22 | 9.00   | 576.44                             | 576.49                                                                  |
| I               | 151+09.22 | 9.00   | 576.42                             | 576.48                                                                  |
| J               | 151+19.22 | 9.00   | 576.41                             | 576.45                                                                  |
| ℄ Brg. E. Abut. | 151+32.89 | 9.00   | 576.38                             | 576.38                                                                  |
| Bk. E. Abut.    | 151+34.22 | 9.00   | 576.38                             | 576.38                                                                  |

BEAM 6

| Location        | Station   | Offset | Theoretical<br>Grade<br>Elevations | Theoretical Grade<br>Elevations<br>Adjusted For Dead<br>Load Deflection |
|-----------------|-----------|--------|------------------------------------|-------------------------------------------------------------------------|
| Bk. W. Abut.    | 150+02.04 | 15.00  | 576.24                             | 576.24                                                                  |
| ℄ Brg. W. Abut. | 150+03.37 | 15.00  | 576.25                             | 576.25                                                                  |
| A               | 150+13.37 | 15.00  | 576.27                             | 576.30                                                                  |
| B               | 150+23.37 | 15.00  | 576.29                             | 576.35                                                                  |
| C               | 150+33.37 | 15.00  | 576.31                             | 576.37                                                                  |
| D               | 150+43.37 | 15.00  | 576.32                             | 576.37                                                                  |
| E               | 150+53.37 | 15.00  | 576.33                             | 576.35                                                                  |
| ℄ Brg. Pier     | 150+67.04 | 15.00  | 576.34                             | 576.34                                                                  |
| F               | 150+77.04 | 15.00  | 576.34                             | 576.35                                                                  |
| G               | 150+87.04 | 15.00  | 576.34                             | 576.37                                                                  |
| H               | 150+97.04 | 15.00  | 576.33                             | 576.38                                                                  |
| I               | 151+07.04 | 15.00  | 576.32                             | 576.37                                                                  |
| J               | 151+17.04 | 15.00  | 576.30                             | 576.34                                                                  |
| ℄ Brg. E. Abut. | 151+30.71 | 15.00  | 576.27                             | 576.27                                                                  |
| Bk. E. Abut.    | 151+32.04 | 15.00  | 576.27                             | 576.27                                                                  |



DESIGNED - BAS

CHECKED - KEF

DRAWN - SGM

CHECKED - BAS

TOP OF SLAB ELEVATIONS  
STRUCTURE NO. 036-0070

| SHEET NO. 5           | F.A.P.<br>RTE. | SECTION            | COUNTY           | TOTAL<br>SHEETS | SHEET<br>NO. |
|-----------------------|----------------|--------------------|------------------|-----------------|--------------|
|                       | 657            | (116-C)BR-1        | HENDERSON        | 56              | 22           |
| 22 SHEETS             |                | CONTRACT NO. 68761 |                  |                 |              |
| FED. ROAD DIST. NO. _ |                | ILLINOIS           | FED. AID PROJECT |                 |              |