

BEAM 18

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|------------------|-----------|--------|------------------------------|--|
| Bk. N. Abut. | 51460.448 | 9.917 | 478.634 | 478.634 |
| CL Brg. N. Abut. | 51465.081 | 9.916 | 478.665 | 478.665 |
| A | 51475.081 | 9.916 | 478.730 | 478.744 |
| B | 51485.081 | 9.916 | 478.793 | 478.814 |
| C | 51495.081 | 9.916 | 478.853 | 478.872 |
| D | 51505.081 | 9.916 | 478.910 | 478.921 |
| E | 51515.081 | 9.916 | 478.965 | 478.965 |
| CL Brg. Pier 1 | 51526.331 | 9.917 | 479.024 | 479.024 |
| F | 51536.331 | 9.917 | 479.074 | 479.096 |
| G | 51546.331 | 9.917 | 479.121 | 479.175 |
| H | 51556.331 | 9.917 | 479.166 | 479.248 |
| I | 51566.331 | 9.917 | 479.208 | 479.306 |
| J | 51576.331 | 9.917 | 479.248 | 479.345 |
| K | 51586.331 | 9.917 | 479.285 | 479.365 |
| L | 51596.331 | 9.917 | 479.319 | 479.370 |
| M | 51606.331 | 9.917 | 479.351 | 479.370 |
| CL Brg. Pier 2 | 51615.331 | 9.916 | 479.378 | 479.378 |
| N | 51625.331 | 9.916 | 479.405 | 479.405 |
| O | 51635.331 | 9.916 | 479.430 | 479.439 |
| P | 51645.331 | 9.916 | 479.453 | 479.471 |
| Q | 51655.331 | 9.916 | 479.472 | 479.494 |
| R | 51665.331 | 9.916 | 479.490 | 479.505 |
| CL Brg. S. Abut. | 51676.581 | 9.917 | 479.506 | 479.506 |
| Bk. S. Abut. | 51681.198 | 9.916 | 479.512 | 479.512 |

BEAM 19

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|------------------|-----------|--------|------------------------------|--|
| Bk. N. Abut. | 51467.740 | 16.167 | 478.563 | 478.563 |
| CL Brg. N. Abut. | 51472.373 | 16.166 | 478.593 | 478.593 |
| A | 51482.373 | 16.166 | 478.656 | 478.670 |
| B | 51492.373 | 16.166 | 478.717 | 478.738 |
| C | 51502.373 | 16.166 | 478.775 | 478.795 |
| D | 51512.373 | 16.166 | 478.831 | 478.841 |
| E | 51522.373 | 16.166 | 478.884 | 478.884 |
| CL Brg. Pier 1 | 51533.623 | 16.167 | 478.941 | 478.941 |
| F | 51543.623 | 16.167 | 478.989 | 479.011 |
| G | 51553.623 | 16.167 | 479.034 | 479.088 |
| H | 51563.623 | 16.167 | 479.077 | 479.159 |
| I | 51573.623 | 16.167 | 479.117 | 479.216 |
| J | 51583.623 | 16.167 | 479.155 | 479.253 |
| K | 51593.623 | 16.167 | 479.190 | 479.270 |
| L | 51603.623 | 16.167 | 479.223 | 479.274 |
| M | 51613.623 | 16.167 | 479.253 | 479.272 |
| CL Brg. Pier 2 | 51622.623 | 16.166 | 479.278 | 479.278 |
| N | 51632.623 | 16.166 | 479.304 | 479.303 |
| O | 51642.623 | 16.166 | 479.327 | 479.336 |
| P | 51652.623 | 16.166 | 479.347 | 479.366 |
| Q | 51662.623 | 16.166 | 479.365 | 479.387 |
| R | 51672.623 | 16.166 | 479.381 | 479.396 |
| CL Brg. S. Abut. | 51683.873 | 16.167 | 479.395 | 479.395 |
| Bk. S. Abut. | 51688.490 | 16.166 | 479.400 | 479.400 |

BEAM 20

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|------------------|-----------|--------|------------------------------|--|
| Bk. N. Abut. | 51475.032 | 22.417 | 478.480 | 478.480 |
| CL Brg. N. Abut. | 51479.665 | 22.417 | 478.509 | 478.509 |
| A | 51489.665 | 22.417 | 478.571 | 478.584 |
| B | 51499.665 | 22.417 | 478.629 | 478.651 |
| C | 51509.665 | 22.417 | 478.686 | 478.706 |
| D | 51519.665 | 22.417 | 478.740 | 478.750 |
| E | 51529.665 | 22.417 | 478.791 | 478.791 |
| CL Brg. Pier 1 | 51540.915 | 22.417 | 478.846 | 478.846 |
| F | 51550.915 | 22.417 | 478.892 | 478.914 |
| G | 51560.915 | 22.417 | 478.935 | 478.989 |
| H | 51570.915 | 22.417 | 478.976 | 479.059 |
| I | 51580.915 | 22.417 | 479.015 | 479.113 |
| J | 51590.915 | 22.417 | 479.051 | 479.148 |
| K | 51600.915 | 22.417 | 479.084 | 479.164 |
| L | 51610.915 | 22.417 | 479.115 | 479.166 |
| M | 51620.915 | 22.417 | 479.144 | 479.163 |
| CL Brg. Pier 2 | 51629.915 | 22.417 | 479.167 | 479.167 |
| N | 51639.915 | 22.417 | 479.191 | 479.190 |
| O | 51649.915 | 22.417 | 479.212 | 479.221 |
| P | 51659.915 | 22.417 | 479.231 | 479.249 |
| Q | 51669.915 | 22.417 | 479.247 | 479.268 |
| R | 51679.915 | 22.417 | 479.260 | 479.275 |
| CL Brg. S. Abut. | 51691.165 | 22.417 | 479.273 | 479.273 |
| Bk. S. Abut. | 51695.782 | 22.416 | 479.277 | 479.277 |

**TOP OF SLAB ELEVATIONS
SB STRUCTURE
STRUCTURE NO. 028-0081**

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|--|---|------------------------------|---|-------------------------|--------------------|--------------------|-----------------|
| COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703 | PROJECT NO. 07062 | SHEET NO. 9 43 SHEETS | F.A.I. RTE. 57 | SECTION (28-3-1)VB-1 | COUNTY FRANKLIN | TOTAL SHEETS 98 | SHEET NO. 33 |
| | DATE 11/12/08 | | CONTRACT NO. 78068 | | | | |
| | DESIGN BY CME/GB DRAWN BY TFG CHECKED BY CME/MCB | | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT | | | | |