## GIRDER 1E - SPANS 1 & 2

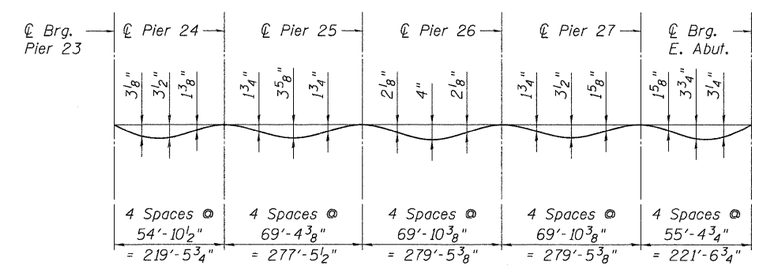
| Location | Station | Offset From EB I-70 P.G.L. | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted for DL Deflections |
|---|---|---|---|---|
| ℄ Brg P23 | 127+83.09 | -3.67 | 465.90 | 465.90 |
| AA | 127+93.11 | -3.67 | 465.85 | 465.90 |
| AB | 128+03.13 | -3.67 | 465.80 | 465.91 |
| AC | 128+13.14 | -3.67 | 465.75 | 465.91 |
| AD | 128+23.16 | -3.67 | 465.70 | 465.90 |
| AE | 128+33.18 | -3.67 | 465.65 | 465.89 |
| AF | 128+43.20 | -3.67 | 465.60 | 465.87 |
| AG | 128+53.22 | -3.67 | 465.55 | 465.84 |
| AH | 128+63.24 | -3.67 | 465.50 | 465.80 |
| AI | 128+73.26 | -3.67 | 465.45 | 465.75 |
| AJ | 128+83.28 | -3.67 | 465.40 | 465.69 |
| AK | 128+93.30 | -3.67 | 465.35 | 465.63 |
| AL | 129+03.32 | -3.67 | 465.30 | 465.56 |
| AM | 129+13.34 | -3.67 | 465.25 | 465.48 |
| AN | 129+23.36 | -3.67 | 465.20 | 465.40 |
| AO | 129+33.38 | -3.67 | 465.15 | 465.31 |
| AP | 129+43.40 | -3.67 | 465.10 | 465.23 |
| AQ | 129+53.42 | -3.67 | 465.05 | 465.14 |
| AR | 129+63.44 | -3.67 | 465.00 | 465.06 |
| AS | 129+73.46 | -3.67 | 464.95 | 464.99 |
| AT | 129+83.48 | -3.67 | 464.90 | 464.92 |
| AU | 129+93.50 | -3.67 | 464.85 | 464.86 |
| ℄ Pier 24 | 130+03.00 | -3.67 | 464.80 | 464.80 |
| AV | 130+13.02 | -3.67 | 464.75 | 464.76 |
| AW | 130+23.04 | -3.67 | 464.70 | 464.72 |
| AX | 130+33.06 | -3.67 | 464.65 | 464.68 |
| AY | 130+43.08 | -3.67 | 464.60 | 464.66 |
| AZ | 130+53.10 | -3.67 | 464.55 | 464.63 |
| BA | 130+63.12 | -3.67 | 464.50 | 464.61 |
| BB | 130+73.14 | -3.67 | 464.45 | 464.60 |
| BC | 130+83.16 | -3.67 | 464.40 | 464.58 |
| BD | 130+93.18 | -3.67 | 464.35 | 464.56 |
| BE | 131+03.20 | -3.67 | 464.30 | 464.54 |
| BF | 131+13.22 | -3.67 | 464.25 | 464.51 |
| BG | 131+23.24 | -3.67 | 464.20 | 464.48 |
| BH | 131+33.26 | -3.67 | 464.15 | 464.44 |
| BI | 131+43.28 | -3.67 | 464.10 | 464.39 |
| BJ | 131+53.30 | -3.67 | 464.05 | 464.33 |
| BK | 131+63.31 | -3.67 | 464.00 | 464.27 |
| BL | 131+73.33 | -3.67 | 463.95 | 464.21 |
| BM | 131+83.35 | -3.67 | 463.90 | 464.13 |
| BN | 131+93.37 | -3.67 | 463.85 | 464.05 |
| BO | 132+03.39 | -3.67 | 463.79 | 463.97 |
| BP | 132+13.41 | -3.67 | 463.74 | 463.88 |
| BQ | 132+23.43 | -3.67 | 463.68 | 463.78 |
| BR | 132+33.45 | -3.67 | 463.61 | 463.69 |
| BS | 132+43.47 | -3.67 | 463.54 | 463.59 |
| BT | 132+53.49 | -3.67 | 463.46 | 463.49 |
| BU | 132+63.51 | -3.67 | 463.38 | 463.39 |
| BV | 132+73.53 | -3.67 | 463.29 | 463.30 |
| | | | | |

## GIRDER 1E - SPANS 3 & 4

| Location | Station | Offset From EB I-70 P.G.L. | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted for DL Deflections |
|---|---|---|---|---|
| ℄ Pier 25 | 132+81.00 | -3.67 | 463.22 | 463.22 |
| BW | 132+91.02 | -3.67 | 463.13 | 463.14 |
| BX | 133+01.04 | -3.67 | 463.03 | 463.05 |
| BY | 133+11.06 | -3.67 | 462.92 | 462.96 |
| BZ | 133+21.08 | -3.67 | 462.81 | 462.88 |
| CA | 133+31.10 | -3.67 | 462.69 | 462.80 |
| CB | 133+41.12 | -3.67 | 462.57 | 462.71 |
| CC | 133+51.14 | -3.67 | 462.45 | 462.62 |
| CD | 133+61.16 | -3.67 | 462.32 | 462.53 |
| CE | 133+71.18 | -3.67 | 462.18 | 462.42 |
| CF | 133+81.20 | -3.67 | 462.04 | 462.31 |
| CG | 133+91.22 | -3.67 | 461.89 | 462.19 |
| CH | 134+01.24 | -3.67 | 461.74 | 462.06 |
| CI | 134+11.26 | -3.67 | 461.59 | 461.91 |
| CJ | 134+21.28 | -3.67 | 461.43 | 461.76 |
| CK | 134+31.30 | -3.67 | 461.26 | 461.59 |
| CL | 134+41.31 | -3.67 | 461.09 | 461.40 |
| CM | 134+51.33 | -3.67 | 460.91 | 461.21 |
| CN | 134+61.35 | -3.67 | 460.73 | 461.00 |
| CO | 134+71.37 | -3.67 | 460.55 | 460.79 |
| CP | 134+81.39 | -3.67 | 460.36 | 460.56 |
| CQ | 134+91.41 | -3.67 | 460.16 | 460.33 |
| CR | 135+01.43 | -3.67 | 459.96 | 460.09 |
| CS | 135+11.45 | -3.67 | 459.75 | 459.85 |
| CT | 135+21.47 | -3.67 | 459.54 | 459.61 |
| CU | 135+31.49 | -3.67 | 459.32 | 459.37 |
| CV | 135+41.51 | -3.67 | 459.10 | 459.13 |
| CW | 135+51.53 | -3.67 | 458.88 | 458.89 |
| CX | | | | |
| ℄ Pier 26 | 135+61.00 | -3.67 | 458.66 | 458.66 |
| CY | 135+71.02 | -3.67 | 458.42 | 458.43 |
| CZ | 135+81.04 | -3.67 | 458.18 | 458.20 |
| DA | 135+91.06 | -3.67 | 457.94 | 457.97 |
| DB | 136+01.08 | -3.67 | 457.69 | 457.74 |
| DC | 136+11.10 | -3.67 | 457.43 | 457.51 |
| DD | 136+21.12 | -3.67 | 457.17 | 457.28 |
| DE | 136+31.14 | -3.67 | 456.90 | 457.05 |
| DF | 136+41.16 | -3.67 | 456.63 | 456.81 |
| DG | 136+51.18 | -3.67 | 456.35 | 456.56 |
| DH | 136+61.20 | -3.67 | 456.07 | 456.31 |
| DI | 136+71.22 | -3.67 | 455.79 | 456.05 |
| DJ | 136+81.24 | -3.67 | 455.50 | 455.77 |
| DK | 136+91.26 | -3.67 | 455.20 | 455.48 |
| DL | 137+01.28 | -3.67 | 454.90 | 455.19 |
| DM | 137+11.30 | -3.67 | 454.60 | 454.88 |
| DN | 137+21.31 | -3.67 | 454.30 | 454.57 |
| DO | 137+31.33 | -3.67 | 454.00 | 454.25 |
| DP | 137+41.35 | -3.67 | 453.70 | 453.92 |
| DQ | 137+51.37 | -3.67 | 453.40 | 453.60 |
| DR | 137+61.39 | -3.67 | 453.10 | 453.26 |
| DS | 137+71.41 | -3.67 | 452.80 | 452.93 |
| DT | 137+81.43 | -3.67 | 452.50 | 452.60 |
| DU | 137+91.45 | -3.67 | 452.19 | 452.27 |
| DV | 138+01.47 | -3.67 | 451.89 | 451.94 |
| DW | 138+11.49 | -3.67 | 451.59 | 451.62 |
| DX | 138+21.51 | -3.67 | 451.29 | 451.31 |
| DY | 138+31.53 | -3.67 | 450.99 | 451.00 |
| DZ | | | | |
| | | | | |

## GIRDER 1E - SPAN 5

| Location | Station | Offset From EB I-70 P.G.L. | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted for DL Deflections |
|---|---|---|---|---|
| ℄ Pier 27 | 138+41.00 | -3.67 | 450.71 | 450.71 |
| EA | 138+51.02 | -3.67 | 450.41 | 450.42 |
| EB | 138+61.04 | -3.67 | 450.11 | 450.13 |
| EC | 138+71.06 | -3.67 | 449.81 | 449.86 |
| ED | 138+81.08 | -3.67 | 449.51 | 449.58 |
| EE | 138+91.10 | -3.67 | 449.21 | 449.32 |
| EF | 139+01.12 | -3.67 | 448.90 | 449.05 |
| EG | 139+11.14 | -3.67 | 448.60 | 448.79 |
| EH | 139+21.16 | -3.67 | 448.30 | 448.52 |
| EI | 139+31.18 | -3.67 | 448.00 | 448.26 |
| EJ | 139+41.20 | -3.67 | 447.70 | 447.98 |
| EK | 139+51.22 | -3.67 | 447.40 | 447.71 |
| EL | 139+61.24 | -3.67 | 447.10 | 447.42 |
| EM | 139+71.26 | -3.67 | 446.80 | 447.13 |
| EN | 139+81.28 | -3.67 | 446.50 | 446.82 |
| EO | 139+91.30 | -3.67 | 446.20 | 446.51 |
| EP | 140+01.31 | -3.67 | 445.90 | 446.19 |
| EQ | 140+11.33 | -3.67 | 445.60 | 445.86 |
| ER | 140+21.35 | -3.67 | 445.30 | 445.52 |
| ES | 140+31.37 | -3.67 | 445.00 | 445.17 |
| ET | 140+41.39 | -3.67 | 444.70 | 444.82 |
| EU | 140+51.41 | -3.67 | 444.40 | 444.46 |
| EV | | | | |
| ℄ Brg Abut | 140+63.00 | -3.67 | 444.05 | 444.05 |
| | | | | |




## DEAD LOAD DEFLECTION DIAGRAM - GIRDER 1E

(Includes weight of concrete only.)

**NOTES:**

1. Work this sheet with Sheets S-6 through S-21.
2. The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on this sheet.