

**BEAMS 3 & 10**

| Location        | Station   | Offset | Theor. Grade Elevations | Theor. Grade Elev. Adj. For Dead Load Deflection |
|-----------------|-----------|--------|-------------------------|--|
| Bk. S. Abut.    | 176+87.26 | 29.75  | 661.63                  | 661.63   |
| ☉ Brg. S. Abut. | 176+90.26 | 29.75  | 661.74                  | 661.74   |
| A               | 177+00.26 | 29.75  | 662.13                  | 662.15   |
| B               | 177+10.26 | 29.75  | 662.52                  | 662.54   |
| C               | 177+20.26 | 29.75  | 662.91                  | 662.93   |
| D               | 177+30.26 | 29.75  | 663.30                  | 663.31   |
| E               | 177+40.26 | 29.75  | 663.68                  | 663.68   |
| ☉ Pier 1        | 177+49.97 | 29.75  | 664.06                  | 664.06   |
| F               | 177+59.97 | 29.75  | 664.45                  | 664.46   |
| G               | 177+69.97 | 29.75  | 664.84                  | 664.88   |
| H               | 177+79.97 | 29.75  | 665.23                  | 665.29   |
| J               | 177+89.97 | 29.75  | 665.61                  | 665.69   |
| K               | 177+99.97 | 29.75  | 666.00                  | 666.07   |
| L               | 178+09.97 | 29.75  | 666.39                  | 666.44   |
| M               | 178+19.97 | 29.75  | 666.78                  | 666.81   |
| N               | 178+29.97 | 29.75  | 667.17                  | 667.17   |
| ☉ Pier 2        | 178+37.05 | 29.75  | 667.44                  | 667.44   |
| P               | 178+47.05 | 29.75  | 667.83                  | 667.84   |
| R               | 178+57.05 | 29.75  | 668.22                  | 668.24   |
| S               | 178+67.05 | 29.75  | 668.61                  | 668.65   |
| T               | 178+77.05 | 29.75  | 668.99                  | 669.05   |
| U               | 178+87.05 | 29.75  | 669.38                  | 669.44   |
| V               | 178+97.05 | 29.75  | 669.77                  | 669.81   |
| W               | 179+07.05 | 29.75  | 670.16                  | 670.18   |
| X               | 179+17.05 | 29.75  | 670.55                  | 670.55   |
| ☉ Pier 3        | 179+24.05 | 29.75  | 670.82                  | 670.82   |
| Y               | 179+34.05 | 29.75  | 671.21                  | 671.21   |
| Z               | 179+44.05 | 29.75  | 671.59                  | 671.62   |
| A1              | 179+54.05 | 29.75  | 671.98                  | 672.03   |
| B1              | 179+64.05 | 29.75  | 672.37                  | 672.42   |
| C1              | 179+74.05 | 29.75  | 672.75                  | 672.81   |
| D1              | 179+84.05 | 29.75  | 673.13                  | 673.17   |
| E1              | 179+94.05 | 29.75  | 673.49                  | 673.51   |
| F1              | 180+04.05 | 29.75  | 673.84                  | 673.85   |
| ☉ Pier 4        | 180+11.05 | 29.75  | 674.08                  | 674.08   |
| G1              | 180+21.05 | 29.75  | 674.42                  | 674.43   |
| H1              | 180+31.05 | 29.75  | 674.75                  | 674.78   |
| J1              | 180+41.05 | 29.75  | 675.06                  | 675.12   |
| K1              | 180+51.05 | 29.75  | 675.36                  | 675.44   |
| L1              | 180+61.05 | 29.75  | 675.66                  | 675.74   |
| M1              | 180+71.05 | 29.75  | 675.94                  | 676.01   |
| N1              | 180+81.05 | 29.75  | 676.21                  | 676.25   |
| P1              | 180+91.05 | 29.75  | 676.48                  | 676.49   |
| ☉ Pier 5        | 180+98.05 | 29.75  | 676.66                  | 676.66   |
| R1              | 181+08.05 | 29.75  | 676.90                  | 676.89   |
| S1              | 181+18.05 | 29.75  | 677.14                  | 677.13   |
| T1              | 181+28.05 | 29.75  | 677.36                  | 677.36   |
| U1              | 181+38.05 | 29.75  | 677.58                  | 677.58   |
| ☉ Brg. Pier 6-S | 181+44.88 | 29.75  | 677.72                  | 677.72   |
| ☉ Pier 6        | 181+46.05 | 29.75  | 677.74                  | 677.74   |

**BEAMS 4 & 9**

| Location        | Station   | Offset | Theor. Grade Elevations | Theor. Grade Elev. Adj. For Dead Load Deflection |
|-----------------|-----------|--------|-------------------------|--|
| Bk. S. Abut.    | 176+87.26 | 21.25  | 661.80                  | 661.80   |
| ☉ Brg. S. Abut. | 176+90.26 | 21.25  | 661.91                  | 661.91   |
| A               | 177+00.26 | 21.25  | 662.30                  | 662.32   |
| B               | 177+10.26 | 21.25  | 662.69                  | 662.71   |
| C               | 177+20.26 | 21.25  | 663.08                  | 663.10   |
| D               | 177+30.26 | 21.25  | 663.47                  | 663.48   |
| E               | 177+40.26 | 21.25  | 663.85                  | 663.85   |
| ☉ Pier 1        | 177+49.97 | 21.25  | 664.23                  | 664.23   |
| F               | 177+59.97 | 21.25  | 664.62                  | 664.63   |
| G               | 177+69.97 | 21.25  | 665.01                  | 665.05   |
| H               | 177+79.97 | 21.25  | 665.40                  | 665.46   |
| J               | 177+89.97 | 21.25  | 665.78                  | 665.86   |
| K               | 177+99.97 | 21.25  | 666.17                  | 666.24   |
| L               | 178+09.97 | 21.25  | 666.56                  | 666.61   |
| M               | 178+19.97 | 21.25  | 666.95                  | 666.98   |
| N               | 178+29.97 | 21.25  | 667.34                  | 667.34   |
| ☉ Pier 2        | 178+37.05 | 21.25  | 667.61                  | 667.61   |
| P               | 178+47.05 | 21.25  | 668.00                  | 668.01   |
| R               | 178+57.05 | 21.25  | 668.39                  | 668.41   |
| S               | 178+67.05 | 21.25  | 668.78                  | 668.82   |
| T               | 178+77.05 | 21.25  | 669.16                  | 669.22   |
| U               | 178+87.05 | 21.25  | 669.55                  | 669.61   |
| V               | 178+97.05 | 21.25  | 669.94                  | 669.98   |
| W               | 179+07.05 | 21.25  | 670.33                  | 670.35   |
| X               | 179+17.05 | 21.25  | 670.72                  | 670.72   |
| ☉ Pier 3        | 179+24.05 | 21.25  | 670.99                  | 670.99   |
| Y               | 179+34.05 | 21.25  | 671.38                  | 671.38   |
| Z               | 179+44.05 | 21.25  | 671.76                  | 671.79   |
| A1              | 179+54.05 | 21.25  | 672.15                  | 672.20   |
| B1              | 179+64.05 | 21.25  | 672.54                  | 672.59   |
| C1              | 179+74.05 | 21.25  | 672.92                  | 672.98   |
| D1              | 179+84.05 | 21.25  | 673.30                  | 673.34   |
| E1              | 179+94.05 | 21.25  | 673.66                  | 673.68   |
| F1              | 180+04.05 | 21.25  | 674.01                  | 674.02   |
| ☉ Pier 4        | 180+11.05 | 21.25  | 674.25                  | 674.25   |
| G1              | 180+21.05 | 21.25  | 674.59                  | 674.60   |
| H1              | 180+31.05 | 21.25  | 674.92                  | 674.95   |
| J1              | 180+41.05 | 21.25  | 675.23                  | 675.29   |
| K1              | 180+51.05 | 21.25  | 675.53                  | 675.61   |
| L1              | 180+61.05 | 21.25  | 675.83                  | 675.91   |
| M1              | 180+71.05 | 21.25  | 676.11                  | 676.18   |
| N1              | 180+81.05 | 21.25  | 676.38                  | 676.42   |
| P1              | 180+91.05 | 21.25  | 676.65                  | 676.66   |
| ☉ Pier 5        | 180+98.05 | 21.25  | 676.83                  | 676.83   |
| R1              | 181+08.05 | 21.25  | 677.07                  | 677.06   |
| S1              | 181+18.05 | 21.25  | 677.31                  | 677.30   |
| T1              | 181+28.05 | 21.25  | 677.53                  | 677.53   |
| U1              | 181+38.05 | 21.25  | 677.75                  | 677.75   |
| ☉ Brg. Pier 6-S | 181+44.88 | 21.25  | 677.89                  | 677.89   |
| ☉ Pier 6        | 181+46.05 | 21.25  | 677.91                  | 677.91   |

**BEAMS 5 & 8**

| Location        | Station   | Offset | Theor. Grade Elevations | Theor. Grade Elev. Adj. For Dead Load Deflection |
|-----------------|-----------|--------|-------------------------|--|
| Bk. S. Abut.    | 176+87.26 | 12.75  | 661.97                  | 661.97   |
| ☉ Brg. S. Abut. | 176+90.26 | 12.75  | 662.08                  | 662.08   |
| A               | 177+00.26 | 12.75  | 662.47                  | 662.49   |
| B               | 177+10.26 | 12.75  | 662.86                  | 662.88   |
| C               | 177+20.26 | 12.75  | 663.25                  | 663.27   |
| D               | 177+30.26 | 12.75  | 663.64                  | 663.65   |
| E               | 177+40.26 | 12.75  | 664.02                  | 664.02   |
| ☉ Pier 1        | 177+49.97 | 12.75  | 664.40                  | 664.40   |
| F               | 177+59.97 | 12.75  | 664.79                  | 664.80   |
| G               | 177+69.97 | 12.75  | 665.18                  | 665.22   |
| H               | 177+79.97 | 12.75  | 665.57                  | 665.63   |
| J               | 177+89.97 | 12.75  | 665.95                  | 666.03   |
| K               | 177+99.97 | 12.75  | 666.34                  | 666.41   |
| L               | 178+09.97 | 12.75  | 666.73                  | 666.78   |
| M               | 178+19.97 | 12.75  | 667.12                  | 667.15   |
| N               | 178+29.97 | 12.75  | 667.51                  | 667.51   |
| ☉ Pier 2        | 178+37.05 | 12.75  | 667.78                  | 667.78   |
| P               | 178+47.05 | 12.75  | 668.17                  | 668.18   |
| R               | 178+57.05 | 12.75  | 668.56                  | 668.58   |
| S               | 178+67.05 | 12.75  | 668.95                  | 668.99   |
| T               | 178+77.05 | 12.75  | 669.33                  | 669.39   |
| U               | 178+87.05 | 12.75  | 669.72                  | 669.78   |
| V               | 178+97.05 | 12.75  | 670.11                  | 670.15   |
| W               | 179+07.05 | 12.75  | 670.50                  | 670.52   |
| X               | 179+17.05 | 12.75  | 670.89                  | 670.89   |
| ☉ Pier 3        | 179+24.05 | 12.75  | 671.16                  | 671.16   |
| Y               | 179+34.05 | 12.75  | 671.55                  | 671.55   |
| Z               | 179+44.05 | 12.75  | 671.93                  | 671.96   |
| A1              | 179+54.05 | 12.75  | 672.32                  | 672.37   |
| B1              | 179+64.05 | 12.75  | 672.71                  | 672.76   |
| C1              | 179+74.05 | 12.75  | 673.09                  | 673.15   |
| D1              | 179+84.05 | 12.75  | 673.47                  | 673.51   |
| E1              | 179+94.05 | 12.75  | 673.83                  | 673.85   |
| F1              | 180+04.05 | 12.75  | 674.18                  | 674.19   |
| ☉ Pier 4        | 180+11.05 | 12.75  | 674.42                  | 674.42   |
| G1              | 180+21.05 | 12.75  | 674.76                  | 674.77   |
| H1              | 180+31.05 | 12.75  | 675.09                  | 675.12   |
| J1              | 180+41.05 | 12.75  | 675.40                  | 675.46   |
| K1              | 180+51.05 | 12.75  | 675.70                  | 675.78   |
| L1              | 180+61.05 | 12.75  | 676.00                  | 676.08   |
| M1              | 180+71.05 | 12.75  | 676.28                  | 676.35   |
| N1              | 180+81.05 | 12.75  | 676.55                  | 676.59   |
| P1              | 180+91.05 | 12.75  | 676.82                  | 676.83   |
| ☉ Pier 5        | 180+98.05 | 12.75  | 677.00                  | 677.00   |
| R1              | 181+08.05 | 12.75  | 677.24                  | 677.23   |
| S1              | 181+18.05 | 12.75  | 677.48                  | 677.47   |
| T1              | 181+28.05 | 12.75  | 677.70                  | 677.70   |
| U1              | 181+38.05 | 12.75  | 677.92                  | 677.92   |
| ☉ Brg. Pier 6-S | 181+44.88 | 12.75  | 678.06                  | 678.06   |
| ☉ Pier 6        | 181+46.05 | 12.75  | 678.08                  | 678.08   |

**BEAMS 6 & 7**

| Location        | Station   | Offset | Theor. Grade Elevations | Theor. Grade Elev. Adj. For Dead Load Deflection |
|-----------------|-----------|--------|-------------------------|--|
| Bk. S. Abut.    | 176+87.26 | 4.25   | 662.14                  | 662.14   |
| ☉ Brg. S. Abut. | 176+90.26 | 4.25   | 662.25                  | 662.25   |
| A               | 177+00.26 | 4.25   | 662.64                  | 662.66   |
| B               | 177+10.26 | 4.25   | 663.03                  | 663.05   |
| C               | 177+20.26 | 4.25   | 663.42                  | 663.44   |
| D               | 177+30.26 | 4.25   | 663.81                  | 663.82   |
| E               | 177+40.26 | 4.25   | 664.19                  | 664.19   |
| ☉ Pier 1        | 177+49.97 | 4.25   | 664.57                  | 664.57   |
| F               | 177+59.97 | 4.25   | 664.96                  | 664.97   |
| G               | 177+69.97 | 4.25   | 665.35                  | 665.39   |
| H               | 177+79.97 | 4.25   | 665.74                  | 665.80   |
| J               | 177+89.97 | 4.25   | 666.12                  | 666.20   |
| K               | 177+99.97 | 4.25   | 666.51                  | 666.58   |
| L               | 178+09.97 | 4.25   | 666.90                  | 666.95   |
| M               | 178+19.97 | 4.25   | 667.29                  | 667.32   |
| N               | 178+29.97 | 4.25   | 667.68                  | 667.68   |
| ☉ Pier 2        | 178+37.05 | 4.25   | 667.95                  | 667.95   |
| P               | 178+47.05 | 4.25   | 668.34                  | 668.35   |
| R               | 178+57.05 | 4.25   | 668.73                  | 668.75   |
| S               | 178+67.05 | 4.25   | 669.12                  | 669.16   |
| T               | 178+77.05 | 4.25   | 669.50                  | 669.56   |
| U               | 178+87.05 | 4.25   | 669.89                  | 669.95   |
| V               | 178+97.05 | 4.25   | 670.28                  | 670.32   |
| W               | 179+07.05 | 4.25   | 670.67                  | 670.69   |
| X               | 179+17.05 | 4.25   | 671.06                  | 671.06   |
| ☉ Pier 3        | 179+24.05 | 4.25   | 671.33                  | 671.33   |
| Y               | 179+34.05 | 4.25   | 671.72                  | 671.72   |
| Z               | 179+44.05 | 4.25   | 672.10                  | 672.13   |
| A1              | 179+54.05 | 4.25   | 672.49                  | 672.54   |
| B1              | 179+64.05 | 4.25   | 672.88                  | 672.93   |
| C1              | 179+74.05 | 4.25   | 673.26                  | 673.32   |
| D1              | 179+84.05 | 4.25   | 673.64                  | 673.68   |
| E1              | 179+94.05 | 4.25   | 674.00                  | 674.02   |
| F1              | 180+04.05 | 4.25   | 674.35                  | 674.36   |
| ☉ Pier 4        | 180+11.05 | 4.25   | 674.59                  | 674.59   |
| G1              | 180+21.05 | 4.25   | 674.93                  | 674.94   |
| H1              | 180+31.05 | 4.25   | 675.26                  | 675.29   |
| J1              | 180+41.05 | 4.25   | 675.57                  | 675.63   |
| K1              | 180+51.05 | 4.25   | 675.87                  | 675.95   |
| L1              | 180+61.05 | 4.25   | 676.17                  | 676.25   |
| M1              | 180+71.05 | 4.25   | 676.45                  | 676.52   |
| N1              | 180+81.05 | 4.25   | 676.72                  | 676.76   |
| P1              | 180+91.05 | 4.25   | 676.99                  | 677.00   |
| ☉ Pier 5        | 180+98.05 | 4.25   | 677.17                  | 677.17   |
| R1              | 181+08.05 | 4.25   | 677.41                  | 677.40   |
| S1              | 181+18.05 | 4.25   | 677.65                  | 677.64   |
| T1              | 181+28.05 | 4.25   | 677.87                  | 677.87   |
| U1              | 181+38.05 | 4.25   | 678.09                  | 678.09   |
| ☉ Brg. Pier 6-S | 181+44.88 | 4.25   | 678.23                  | 678.23   |
| ☉ Pier 6        | 181+46.05 | 4.25   | 678.25                  | 678.25   |