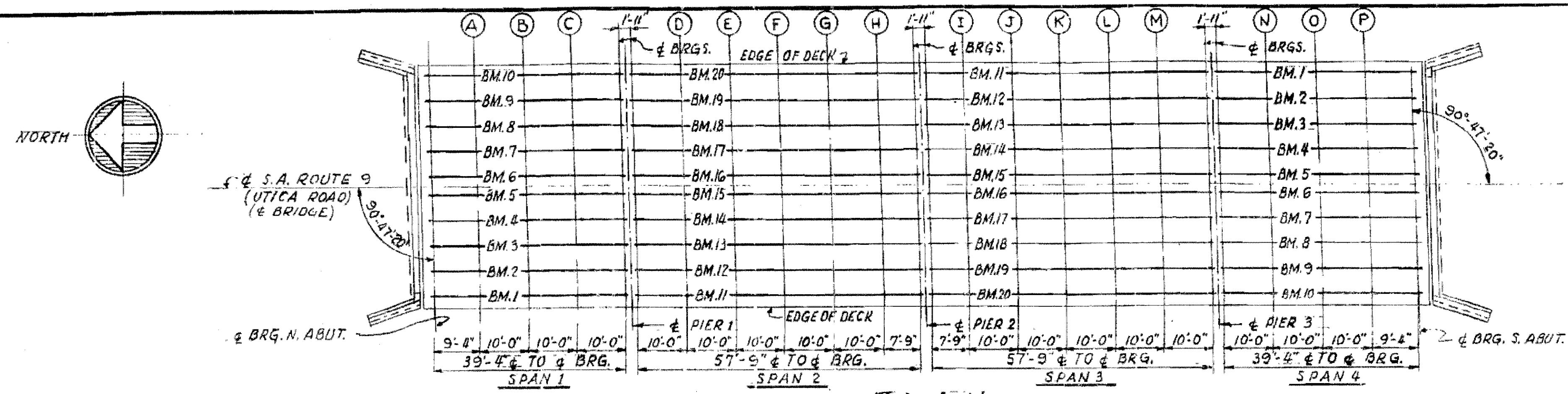



PLAN

## SPAN 1

| Line | Beam | Station | Offset | Theoretical Grade Elevation | Elevation Adjusted for Dead Load Deflection |
|---|---|---|---|---|---|
| ℄ Brg. N. Abut. | 2 | 1899.742 | 21.666 | 645.435 | 645.435 |
| | 3 | 1899.833 | 14.999 | 645.491 | 645.491 |
| | 4 | 1899.925 | 8.333 | 645.547 | 645.547 |
| | 5 | 1900.017 | 1.666 | 645.600 | 645.600 |
| | 6 | 1900.063 | - 1.666 | 645.600 | 645.600 |
| | 7 | 1900.155 | - 8.333 | 645.548 | 645.548 |
| | 8 | 1900.247 | - 14.999 | 645.493 | 645.493 |
| | 9 | 1900.338 | - 21.666 | 645.437 | 645.437 |
| A | 2 | 1909.075 | 21.666 | 645.471 | 645.482 |
| | 3 | 1909.166 | 14.999 | 645.527 | 645.538 |
| | 4 | 1909.258 | 8.333 | 645.583 | 645.594 |
| | 5 | 1909.350 | 1.666 | 645.636 | 645.647 |
| | 6 | 1909.396 | - 1.666 | 645.636 | 645.647 |
| | 7 | 1909.488 | - 8.333 | 645.583 | 645.594 |
| | 8 | 1909.580 | - 14.999 | 645.528 | 645.539 |
| | 9 | 1909.671 | - 21.666 | 645.473 | 645.484 |
| B | 2 | 1919.075 | 21.666 | 645.505 | 645.520 |
| | 3 | 1919.166 | 14.999 | 645.561 | 645.576 |
| | 4 | 1919.258 | 8.333 | 645.617 | 645.632 |
| | 5 | 1919.350 | 1.666 | 645.670 | 645.685 |
| | 6 | 1919.396 | - 1.666 | 645.670 | 645.685 |
| | 7 | 1919.488 | - 8.333 | 645.618 | 645.633 |
| | 8 | 1919.580 | - 14.999 | 645.562 | 645.577 |
| | 9 | 1919.671 | - 21.666 | 645.507 | 645.522 |
| C | 2 | 1929.075 | 21.666 | 645.536 | 645.547 |
| | 3 | 1929.166 | 14.999 | 645.591 | 645.603 |
| | 4 | 1929.258 | 8.333 | 645.647 | 645.659 |
| | 5 | 1929.350 | 1.666 | 645.700 | 645.712 |
| | 6 | 1929.396 | - 1.666 | 645.700 | 645.712 |
| | 7 | 1929.488 | - 8.333 | 645.648 | 645.659 |
| | 8 | 1929.580 | - 14.999 | 645.592 | 645.604 |
| | 9 | 1929.671 | - 21.666 | 645.537 | 645.549 |
| ℄ Brg. Pier 1. | 2 | 1939.075 | 21.666 | 645.562 | 645.562 |
| | 3 | 1939.166 | 14.999 | 645.618 | 645.618 |
| | 4 | 1939.258 | 8.333 | 645.673 | 645.673 |
| | 5 | 1939.350 | 1.666 | 645.726 | 645.726 |
| | 6 | 1939.396 | - 1.666 | 645.727 | 645.727 |
| | 7 | 1939.488 | - 8.333 | 645.674 | 645.674 |
| | 8 | 1939.580 | - 14.999 | 645.619 | 645.619 |
| | 9 | 1939.671 | - 21.666 | 645.563 | 645.563 |
| ℄ Brg. N. Abut. | 1 | 1899.650 | 28.333 | 645.379 | 645.379 |
| | 10 | 1900.430 | - 28.333 | 645.382 | 645.382 |
| A | 1 | 1908.983 | 28.333 | 645.415 | 645.424 |
| | 10 | 1909.763 | - 28.333 | 645.418 | 645.427 |
| B | 1 | 1918.983 | 28.333 | 645.449 | 645.461 |
| | 10 | 1919.763 | - 28.333 | 645.452 | 645.464 |
| C | 1 | 1928.983 | 28.333 | 645.480 | 645.489 |
| | 10 | 1929.763 | - 28.333 | 645.482 | 645.491 |
| ℄ Brg. Pier 1. | 1 | 1938.983 | 28.333 | 645.506 | 645.506 |
| | 10 | 1939.763 | - 28.333 | 645.508 | 645.508 |

## SPAN 2

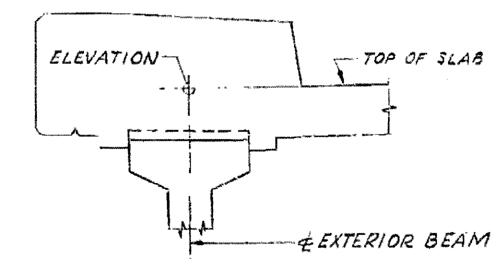
| Line | Beam | Station | Offset | Theoretical Grade Elevation | Elevation Adjusted for Dead Load Deflection |
|---|---|---|---|---|---|
| ℄ Brg. Pier 1. | 12 | 1940.992 | 21.666 | 645.566 | 645.566 |
| | 13 | 1941.083 | 14.999 | 645.622 | 645.622 |
| | 14 | 1941.175 | 8.333 | 645.678 | 645.678 |
| | 15 | 1941.267 | 1.666 | 645.731 | 645.731 |
| | 16 | 1941.313 | - 1.666 | 645.731 | 645.731 |
| | 17 | 1941.405 | - 8.333 | 645.679 | 645.679 |
| | 18 | 1941.497 | - 14.999 | 645.623 | 645.623 |
| | 19 | 1941.588 | - 21.666 | 645.568 | 645.568 |
| D | 12 | 1950.992 | 21.666 | 645.588 | 645.610 |
| | 13 | 1951.083 | 14.999 | 645.644 | 645.665 |
| | 14 | 1951.175 | 8.333 | 645.700 | 645.721 |
| | 15 | 1951.267 | 1.666 | 645.753 | 645.774 |
| | 16 | 1951.313 | - 1.666 | 645.753 | 645.774 |
| | 17 | 1951.405 | - 8.333 | 645.700 | 645.721 |
| | 18 | 1951.497 | - 14.999 | 645.645 | 645.666 |
| | 19 | 1951.588 | - 21.666 | 645.589 | 645.611 |
| E | 12 | 1960.992 | 21.666 | 645.606 | 645.638 |
| | 13 | 1961.083 | 14.999 | 645.661 | 645.694 |
| | 14 | 1961.175 | 8.333 | 645.717 | 645.750 |
| | 15 | 1961.267 | 1.666 | 645.770 | 645.802 |
| | 16 | 1961.313 | - 1.666 | 645.770 | 645.803 |
| | 17 | 1961.405 | - 8.333 | 645.717 | 645.750 |
| | 18 | 1961.497 | - 14.999 | 645.662 | 645.695 |
| | 19 | 1961.588 | - 21.666 | 645.607 | 645.639 |
| F | 12 | 1970.992 | 21.666 | 645.619 | 645.656 |
| | 13 | 1971.083 | 14.999 | 645.675 | 645.711 |
| | 14 | 1971.175 | 8.333 | 645.731 | 645.767 |
| | 15 | 1971.267 | 1.666 | 645.783 | 645.820 |
| | 16 | 1971.313 | - 1.666 | 645.784 | 645.820 |
| | 17 | 1971.405 | - 8.333 | 645.731 | 645.767 |
| | 18 | 1971.497 | - 14.999 | 645.675 | 645.712 |
| | 19 | 1971.588 | - 21.666 | 645.620 | 645.656 |
| G | 12 | 1980.992 | 21.666 | 645.629 | 645.660 |
| | 13 | 1981.083 | 14.999 | 645.685 | 645.715 |
| | 14 | 1981.175 | 8.333 | 645.740 | 645.771 |
| | 15 | 1981.267 | 1.666 | 645.793 | 645.824 |
| | 16 | 1981.313 | - 1.666 | 645.793 | 645.824 |
| | 17 | 1981.405 | - 8.333 | 645.740 | 645.771 |
| | 18 | 1981.497 | - 14.999 | 645.685 | 645.716 |
| | 19 | 1981.588 | - 21.666 | 645.629 | 645.660 |
| H | 12 | 1990.992 | 21.666 | 645.634 | 645.652 |
| | 13 | 1991.083 | 14.999 | 645.690 | 645.708 |
| | 14 | 1991.175 | 8.333 | 645.746 | 645.764 |
| | 15 | 1991.267 | 1.666 | 645.798 | 645.816 |
| | 16 | 1991.313 | - 1.666 | 645.798 | 645.816 |
| | 17 | 1991.405 | - 8.333 | 645.746 | 645.764 |
| | 18 | 1991.497 | - 14.999 | 645.690 | 645.708 |
| | 19 | 1991.588 | - 21.666 | 645.635 | 645.653 |
| ℄ Brg. Pier 2. | 12 | 1998.742 | 21.666 | 645.636 | 645.636 |
| | 13 | 1998.833 | 14.999 | 645.692 | 645.692 |
| | 14 | 1998.925 | 8.333 | 645.747 | 645.747 |
| | 15 | 1999.017 | 1.666 | 645.800 | 645.800 |
| | 16 | 1999.063 | - 1.666 | 645.800 | 645.800 |
| | 17 | 1999.155 | - 8.333 | 645.747 | 645.747 |
| | 18 | 1999.247 | - 14.999 | 645.692 | 645.692 |
| | 19 | 1999.338 | - 21.666 | 645.636 | 645.636 |
| ℄ Brg. Pier 1 | 11 | 1940.900 | 28.333 | 645.511 | 645.511 |
| | 20 | 1941.680 | - 28.333 | 645.513 | 645.513 |
| D | 11 | 1950.900 | 28.333 | 645.532 | 645.566 |
| | 20 | 1951.680 | - 28.333 | 645.534 | 645.568 |
| E | 11 | 1960.900 | 28.333 | 645.550 | 645.598 |
| | 20 | 1961.680 | - 28.333 | 645.551 | 645.599 |
| F | 11 | 1970.900 | 28.333 | 645.564 | 645.620 |
| | 20 | 1971.680 | - 28.333 | 645.565 | 645.621 |
| G | 11 | 1980.900 | 28.333 | 645.573 | 645.620 |
| | 20 | 1981.680 | - 28.333 | 645.574 | 645.620 |
| H | 11 | 1990.900 | 28.333 | 645.579 | 645.607 |
| | 20 | 1991.680 | - 28.333 | 645.579 | 645.608 |
| ℄ Brg. Pier 2. | 11 | 1998.650 | 28.333 | 645.581 | 645.581 |
| | 20 | 1999.430 | - 28.333 | 645.581 | 645.581 |

## SPAN 3

| Line | Beam | Station | Offset | Theoretical Grade Elevation | Elevation Adjusted for Dead Load Deflection |
|---|---|---|---|---|---|
| ℄ Brg. Pier 2. | 12 | 2000.659 | 21.666 | 645.636 | 645.636 |
| | 13 | 2000.750 | 14.999 | 645.692 | 645.692 |
| | 14 | 2000.842 | 8.333 | 645.747 | 645.747 |
| | 15 | 2000.934 | 1.666 | 645.800 | 645.800 |
| | 16 | 2000.980 | - 1.666 | 645.800 | 645.800 |
| | 17 | 2001.072 | - 8.333 | 645.747 | 645.747 |
| | 18 | 2001.164 | - 14.999 | 645.692 | 645.692 |
| | 19 | 2001.255 | - 21.666 | 645.636 | 645.636 |
| I | 12 | 2008.409 | 21.666 | 645.635 | 645.653 |
| | 13 | 2008.500 | 14.999 | 645.690 | 645.708 |
| | 14 | 2008.592 | 8.333 | 645.746 | 645.764 |
| | 15 | 2008.684 | 1.666 | 645.798 | 645.816 |
| | 16 | 2008.730 | - 1.666 | 645.798 | 645.816 |
| | 17 | 2008.822 | - 8.333 | 645.746 | 645.764 |
| | 18 | 2008.914 | - 14.999 | 645.690 | 645.708 |
| | 19 | 2009.005 | - 21.666 | 645.634 | 645.652 |
| J | 12 | 2018.409 | 21.666 | 645.629 | 645.660 |
| | 13 | 2018.500 | 14.999 | 645.685 | 645.716 |
| | 14 | 2018.592 | 8.333 | 645.740 | 645.771 |
| | 15 | 2018.684 | 1.666 | 645.793 | 645.824 |
| | 16 | 2018.730 | - 1.666 | 645.793 | 645.824 |
| | 17 | 2018.822 | - 8.333 | 645.740 | 645.771 |
| | 18 | 2018.914 | - 14.999 | 645.685 | 645.715 |
| | 19 | 2019.005 | - 21.666 | 645.629 | 645.660 |
| K | 12 | 2028.409 | 21.666 | 645.620 | 645.656 |
| | 13 | 2028.500 | 14.999 | 645.675 | 645.712 |
| | 14 | 2028.592 | 8.333 | 645.731 | 645.767 |
| | 15 | 2028.684 | 1.666 | 645.784 | 645.820 |
| | 16 | 2028.730 | - 1.666 | 645.783 | 645.820 |
| | 17 | 2028.822 | - 8.333 | 645.731 | 645.767 |
| | 18 | 2028.914 | - 14.999 | 645.675 | 645.711 |
| | 19 | 2029.005 | - 21.666 | 645.619 | 645.656 |
| L | 12 | 2038.409 | 21.666 | 645.607 | 645.639 |
| | 13 | 2038.500 | 14.999 | 645.662 | 645.695 |
| | 14 | 2038.592 | 8.333 | 645.717 | 645.750 |
| | 15 | 2038.684 | 1.666 | 645.770 | 645.803 |
| | 16 | 2038.730 | - 1.666 | 645.770 | 645.802 |
| | 17 | 2038.822 | - 8.333 | 645.717 | 645.750 |
| | 18 | 2038.914 | - 14.999 | 645.661 | 645.694 |
| | 19 | 2039.005 | - 21.666 | 645.606 | 645.638 |
| M | 12 | 2048.409 | 21.666 | 645.589 | 645.611 |
| | 13 | 2048.500 | 14.999 | 645.645 | 645.666 |
| | 14 | 2048.592 | 8.333 | 645.700 | 645.722 |
| | 15 | 2048.684 | 1.666 | 645.753 | 645.774 |
| | 16 | 2048.730 | - 1.666 | 645.753 | 645.774 |
| | 17 | 2048.822 | - 8.333 | 645.700 | 645.721 |
| | 18 | 2048.914 | - 14.999 | 645.644 | 645.665 |
| | 19 | 2049.005 | - 21.666 | 645.588 | 645.610 |
| ℄ Brg. Pier 3. | 12 | 2058.409 | 21.666 | 645.568 | 645.568 |
| | 13 | 2058.500 | 14.999 | 645.623 | 645.623 |
| | 14 | 2058.592 | 8.333 | 645.679 | 645.679 |
| | 15 | 2058.684 | 1.666 | 645.731 | 645.731 |
| | 16 | 2058.730 | - 1.666 | 645.731 | 645.731 |
| | 17 | 2058.822 | - 8.333 | 645.678 | 645.678 |
| | 18 | 2058.914 | - 14.999 | 645.622 | 645.622 |
| | 19 | 2059.005 | - 21.666 | 645.566 | 645.566 |
| ℄ Brg. Pier 2. | 11 | 2000.567 | 28.333 | 645.581 | 645.581 |
| | 20 | 2001.347 | - 28.333 | 645.581 | 645.581 |
| I | 11 | 2008.317 | 28.333 | 645.579 | 645.608 |
| | 20 | 2009.097 | - 28.333 | 645.579 | 645.607 |
| J | 11 | 2018.317 | 28.333 | 645.574 | 645.620 |
| | 20 | 2019.097 | - 28.333 | 645.573 | 645.620 |
| K | 11 | 2028.317 | 28.333 | 645.565 | 645.621 |
| | 20 | 2029.097 | - 28.333 | 645.564 | 645.620 |
| L | 11 | 2038.317 | 28.333 | 645.551 | 645.600 |
| | 20 | 2039.097 | - 28.333 | 645.550 | 645.598 |
| M | 11 | 2048.317 | 28.333 | 645.534 | 645.568 |
| | 20 | 2049.097 | - 28.333 | 645.532 | 645.566 |
| ℄ Brg. Pier 3. | 11 | 2058.317 | 28.333 | 645.513 | 645.513 |
| | 20 | 2059.097 | - 28.333 | 645.511 | 645.511 |

## SPAN 4

| Line | Beam | Station | Offset | Theoretical Grade Elevation | Elevation Adjusted for Dead Load Deflection |
|---|---|---|---|---|---|
| ℄ Brg. Pier 3. | 2 | 2060.326 | 21.666 | 645.563 | 645.563 |
| | 3 | 2060.417 | 14.999 | 645.619 | 645.619 |
| | 4 | 2060.509 | 8.333 | 645.674 | 645.674 |
| | 5 | 2060.601 | 1.666 | 645.727 | 645.727 |
| | 6 | 2060.647 | - 1.666 | 645.726 | 645.726 |
| | 7 | 2060.739 | - 8.333 | 645.673 | 645.673 |
| | 8 | 2060.831 | - 14.999 | 645.618 | 645.518 |
| | 9 | 2060.922 | - 21.665 | 645.562 | 645.562 |
| N | 2 | 2070.326 | 21.666 | 645.537 | 645.549 |
| | 3 | 2070.417 | 14.999 | 645.593 | 645.604 |
| | 4 | 2070.509 | 8.333 | 645.648 | 645.659 |
| | 5 | 2070.601 | 1.666 | 645.700 | 645.712 |
| | 6 | 2070.647 | - 1.666 | 645.700 | 645.712 |
| | 7 | 2070.739 | - 8.333 | 645.647 | 645.659 |
| | 8 | 2070.831 | - 14.999 | 645.591 | 645.603 |
| | 9 | 2070.922 | - 21.666 | 645.536 | 645.547 |
| O | 2 | 2080.326 | 21.666 | 645.507 | 645.522 |
| | 3 | 2080.417 | 14.999 | 645.562 | 645.577 |
| | 4 | 2080.509 | 8.333 | 645.618 | 645.633 |
| | 5 | 2080.601 | 1.666 | 645.670 | 645.685 |
| | 6 | 2080.647 | - 1.666 | 645.670 | 645.685 |
| | 7 | 2080.739 | - 8.333 | 645.617 | 645.632 |
| | 8 | 2080.831 | - 14.999 | 645.561 | 645.576 |
| | 9 | 2080.922 | - 21.666 | 645.505 | 645.520 |
| P | 2 | 2090.326 | 21.666 | 645.473 | 645.484 |
| | 3 | 2090.417 | 14.999 | 645.528 | 645.539 |
| | 4 | 2090.509 | 8.333 | 645.583 | 645.594 |
| | 5 | 2090.601 | 1.666 | 645.636 | 645.647 |
| | 6 | 2090.647 | - 1.666 | 645.636 | 645.647 |
| | 7 | 2090.739 | - 8.333 | 645.583 | 645.594 |
| | 8 | 2090.831 | - 14.999 | 645.527 | 645.538 |
| | 9 | 2090.922 | - 21.666 | 645.471 | 645.482 |
| ℄ Brg. S. Abut. | 2 | 2099.659 | 21.666 | 645.437 | 645.437 |
| | 3 | 2099.750 | 14.999 | 645.493 | 645.493 |
| | 4 | 2099.842 | 8.333 | 645.548 | 645.548 |
| | 5 | 2099.934 | 1.666 | 645.600 | 645.600 |
| | 6 | 2099.980 | - 1.666 | 645.600 | 645.600 |
| | 7 | 2100.072 | - 8.333 | 645.547 | 645.547 |
| | 8 | 2100.164 | - 14.999 | 645.491 | 645.491 |
| | 9 | 2100.255 | - 21.666 | 645.435 | 645.435 |
| ℄ Brg. Pier 3 | 1 | 2060.234 | 28.333 | 645.508 | 645.508 |
| | 10 | 2061.014 | - 28.333 | 645.506 | 645.506 |
| N | 1 | 2070.234 | 28.333 | 645.482 | 645.491 |
| | 10 | 2071.014 | - 28.333 | 645.480 | 645.489 |
| O | 1 | 2080.234 | 28.333 | 645.452 | 645.464 |
| | 10 | 2081.014 | - 28.333 | 645.449 | 645.461 |
| P | 1 | 2090.234 | 28.333 | 645.418 | 645.427 |
| | 10 | 2091.014 | - 28.333 | 645.415 | 645.424 |
| ℄ Brg. S. Abut. | 1 | 2099.567 | 28.333 | 645.382 | 645.382 |
| | 10 | 2100.347 | - 28.333 | 645.379 | 645.379 |




LOCATION OF ELEVATIONS FOR EXTERIOR BEAMS

NOTE: FOR DEAD LOAD DEFLECTION DIAGRAMS SEE SHEET 3.

FOR INFORMATION ONLY

⚠1 SHEET ADDED 4-6-10

ALFRED BENESCH & ASSOCIATES CONSULTING ENGINEERS
10 SOUTH WABASH AVENUE TOG CHICAGO, ILLINOIS

TOP OF SLAB ELEVATIONS
GRADE SEPARATION
S.A. ROUTE 9 (UTICA ROAD)
OVER F.A.I. ROUTE 80
F.A. PROJECT
F.A.I. ROUTE 80 SECTION 50-2HB-5
LA SALLE COUNTY
STATION 895+86.16