

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Sheet S6 of S25

| | | | | |
|-----------------------|-----------|-------------|------------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 80 | 81-IHBY-D | ROCK ISLAND | 120 | 35 |
| FED. ROAD DIST. NO. 2 | | ILLINOIS | FED. AID PROJECT | |

Contract # 64C74

BEAM 3

| Location | Station | Offset | Theoretical Grade Elevations | Theor. Grade Elevations Adj. For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|---|
| Bk. Abut. A | 216+72.60 | 8.79 | 614.18 | 614.18 |
| ⊕ Brg. Abut. A | 216+74.68 | 8.79 | 614.12 | 614.12 |
| A | 216+84.68 | 8.79 | 613.82 | 613.82 |
| B | 216+94.68 | 8.79 | 613.52 | 613.52 |
| C | 217+04.68 | 8.79 | 613.22 | 613.22 |
| ⊕ Brg. Pier 1 | 217+12.43 | 8.79 | 612.98 | 612.98 |
| D | 217+22.43 | 8.79 | 612.68 | 612.70 |
| E | 217+32.43 | 8.79 | 612.38 | 612.41 |
| F | 217+42.43 | 8.79 | 612.08 | 612.12 |
| G | 217+52.43 | 8.79 | 611.78 | 611.81 |
| H | 217+62.43 | 8.79 | 611.48 | 611.49 |
| ⊕ Brg. Pier 2 | 217+70.43 | 8.79 | 611.24 | 611.24 |
| I | 217+80.43 | 8.79 | 610.94 | 610.95 |
| J | 217+90.43 | 8.79 | 610.64 | 610.67 |
| K | 218+00.43 | 8.79 | 610.34 | 610.38 |
| L | 218+10.43 | 8.79 | 610.04 | 610.07 |
| ⊕ Brg. Pier 3 | 218+20.43 | 8.79 | 609.74 | 609.75 |
| M | 218+28.43 | 8.79 | 609.50 | 609.50 |
| N | 218+38.43 | 8.79 | 609.20 | 609.21 |
| O | 218+48.43 | 8.79 | 608.90 | 608.91 |
| P | 218+58.43 | 8.79 | 608.60 | 608.61 |
| ⊕ Brg. Abut. B | 218+66.18 | 8.79 | 608.37 | 608.37 |
| Bk. Abut. B | 218+68.27 | 8.79 | 608.31 | 608.31 |

BEAM 4

| Location | Station | Offset | Theoretical Grade Elevations | Theor. Grade Elevations Adj. For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|---|
| Bk. Abut. A | 216+70.80 | 15.21 | 614.23 | 614.23 |
| ⊕ Brg. Abut. A | 216+72.88 | 15.21 | 614.17 | 614.17 |
| A | 216+82.88 | 15.21 | 613.87 | 613.88 |
| B | 216+92.88 | 15.21 | 613.57 | 613.58 |
| C | 217+02.88 | 15.21 | 613.27 | 613.27 |
| ⊕ Brg. Pier 1 | 217+10.63 | 15.21 | 613.04 | 613.04 |
| D | 217+20.63 | 15.21 | 612.74 | 612.75 |
| E | 217+30.63 | 15.21 | 612.44 | 612.47 |
| F | 217+40.63 | 15.21 | 612.14 | 612.17 |
| G | 217+50.63 | 15.21 | 611.84 | 611.86 |
| H | 217+60.63 | 15.21 | 611.54 | 611.54 |
| ⊕ Brg. Pier 2 | 217+68.63 | 15.21 | 611.30 | 611.30 |
| I | 217+78.63 | 15.21 | 611.00 | 611.01 |
| J | 217+88.63 | 15.21 | 610.70 | 610.72 |
| K | 217+98.63 | 15.21 | 610.40 | 610.43 |
| L | 218+08.63 | 15.21 | 610.10 | 610.12 |
| M | 218+18.63 | 15.21 | 609.80 | 609.81 |
| ⊕ Brg. Pier 3 | 218+26.63 | 15.21 | 609.56 | 609.56 |
| N | 218+36.63 | 15.21 | 609.26 | 609.26 |
| O | 218+46.63 | 15.21 | 608.96 | 608.96 |
| P | 218+56.63 | 15.21 | 608.66 | 608.66 |
| ⊕ Brg. Abut. B | 218+64.38 | 15.21 | 608.43 | 608.43 |
| Bk. Abut. B | 218+66.47 | 15.21 | 608.36 | 608.36 |

STAGE CONSTRUCTION LINE

| Location | Station | Offset | Theoretical Grade Elevations | Theor. Grade Elevations Adj. For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|---|
| Bk. Abut. A | 216+69.71 | 19.08 | 614.21 | 614.21 |
| ⊕ Brg. Abut. A | 216+71.80 | 19.08 | 614.14 | 614.14 |
| A | 216+81.80 | 19.08 | 613.84 | 613.85 |
| B | 216+91.80 | 19.08 | 613.54 | 613.55 |
| C | 217+01.80 | 19.08 | 613.24 | 613.24 |
| ⊕ Brg. Pier 1 | 217+09.55 | 19.08 | 613.01 | 613.01 |
| D | 217+19.55 | 19.08 | 612.71 | 612.72 |
| E | 217+29.55 | 19.08 | 612.41 | 612.44 |
| F | 217+39.55 | 19.08 | 612.11 | 612.14 |
| G | 217+49.55 | 19.08 | 611.81 | 611.83 |
| H | 217+59.55 | 19.08 | 611.51 | 611.52 |
| ⊕ Brg. Pier 2 | 217+67.55 | 19.08 | 611.27 | 611.27 |
| I | 217+77.55 | 19.08 | 610.97 | 610.98 |
| J | 217+87.55 | 19.08 | 610.67 | 610.70 |
| K | 217+97.55 | 19.08 | 610.37 | 610.40 |
| L | 218+07.55 | 19.08 | 610.07 | 610.10 |
| M | 218+17.55 | 19.08 | 609.77 | 609.78 |
| ⊕ Brg. Pier 3 | 218+25.55 | 19.08 | 609.53 | 609.53 |
| N | 218+35.55 | 19.08 | 609.23 | 609.23 |
| O | 218+45.55 | 19.08 | 608.93 | 608.94 |
| P | 218+55.55 | 19.08 | 608.63 | 608.64 |
| ⊕ Brg. Abut. B | 218+63.30 | 19.08 | 608.40 | 608.40 |
| Bk. Abut. B | 218+65.38 | 19.08 | 608.34 | 608.33 |

BEAM 5

| Location | Station | Offset | Theoretical Grade Elevations | Theor. Grade Elevations Adj. For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|---|
| Bk. Abut. A | 216+69.00 | 21.63 | 614.19 | 614.19 |
| ⊕ Brg. Abut. A | 216+71.08 | 21.63 | 614.12 | 614.12 |
| A | 216+81.08 | 21.63 | 613.82 | 613.83 |
| B | 216+91.08 | 21.63 | 613.52 | 613.53 |
| C | 217+01.08 | 21.63 | 613.22 | 613.22 |
| ⊕ Brg. Pier 1 | 217+08.83 | 21.63 | 612.99 | 612.99 |
| D | 217+18.83 | 21.63 | 612.69 | 612.71 |
| E | 217+28.83 | 21.63 | 612.39 | 612.42 |
| F | 217+38.83 | 21.63 | 612.09 | 612.12 |
| G | 217+48.83 | 21.63 | 611.79 | 611.81 |
| H | 217+58.83 | 21.63 | 611.49 | 611.50 |
| ⊕ Brg. Pier 2 | 217+66.83 | 21.63 | 611.25 | 611.25 |
| I | 217+76.83 | 21.63 | 610.95 | 610.96 |
| J | 217+86.83 | 21.63 | 610.65 | 610.68 |
| K | 217+96.83 | 21.63 | 610.35 | 610.38 |
| L | 218+06.83 | 21.63 | 610.05 | 610.08 |
| M | 218+16.83 | 21.63 | 609.75 | 609.76 |
| ⊕ Brg. Pier 3 | 218+24.83 | 21.63 | 609.51 | 609.51 |
| N | 218+34.83 | 21.63 | 609.21 | 609.21 |
| O | 218+44.83 | 21.63 | 608.91 | 608.92 |
| P | 218+54.83 | 21.63 | 608.61 | 608.62 |
| ⊕ Brg. Abut. B | 218+62.58 | 21.63 | 608.38 | 608.38 |
| Bk. Abut. B | 218+64.67 | 21.63 | 608.32 | 608.32 |

BEAM 6

| Location | Station | Offset | Theoretical Grade Elevations | Theor. Grade Elevations Adj. For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|---|
| Bk. Abut. A | 216+67.20 | 28.04 | 614.14 | 614.14 |
| ⊕ Brg. Abut. A | 216+69.29 | 28.04 | 614.08 | 614.08 |
| A | 216+79.29 | 28.04 | 613.78 | 613.78 |
| B | 216+89.29 | 28.04 | 613.48 | 613.48 |
| C | 216+99.29 | 28.04 | 613.18 | 613.18 |
| ⊕ Brg. Pier 1 | 217+07.04 | 28.04 | 612.95 | 612.95 |
| D | 217+17.04 | 28.04 | 612.65 | 612.66 |
| E | 217+27.04 | 28.04 | 612.35 | 612.37 |
| F | 217+37.04 | 28.04 | 612.05 | 612.07 |
| G | 217+47.04 | 28.04 | 611.75 | 611.76 |
| H | 217+57.04 | 28.04 | 611.45 | 611.45 |
| ⊕ Brg. Pier 2 | 217+65.04 | 28.04 | 611.21 | 611.21 |
| I | 217+75.04 | 28.04 | 610.91 | 610.91 |
| J | 217+85.04 | 28.04 | 610.61 | 610.62 |
| K | 217+95.04 | 28.04 | 610.31 | 610.33 |
| L | 218+05.04 | 28.04 | 610.01 | 610.02 |
| M | 218+15.04 | 28.04 | 609.71 | 609.71 |
| ⊕ Brg. Pier 3 | 218+23.04 | 28.04 | 609.47 | 609.47 |
| N | 218+33.04 | 28.04 | 609.17 | 609.17 |
| O | 218+43.04 | 28.04 | 608.87 | 608.87 |
| P | 218+53.04 | 28.04 | 608.57 | 608.57 |
| ⊕ Brg. Abut. B | 218+60.79 | 28.04 | 608.33 | 608.33 |
| Bk. Abut. B | 218+62.87 | 28.04 | 608.27 | 608.27 |

BEAM 7

| Location | Station | Offset | Theoretical Grade Elevations | Theor. Grade Elevations Adj. For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|---|
| Bk. Abut. A | 216+66.50 | 30.54 | 614.12 | 614.12 |
| ⊕ Brg. Abut. A | 216+68.58 | 30.54 | 614.06 | 614.06 |
| A | 216+78.58 | 30.54 | 613.76 | 613.76 |
| B | 216+88.58 | 30.54 | 613.46 | 613.46 |
| C | 216+98.58 | 30.54 | 613.16 | 613.16 |
| ⊕ Brg. Pier 1 | 217+06.33 | 30.54 | 612.93 | 612.93 |
| D | 217+16.33 | 30.54 | 612.63 | 612.64 |
| E | 217+26.33 | 30.54 | 612.33 | 612.34 |
| F | 217+36.33 | 30.54 | 612.03 | 612.05 |
| G | 217+46.33 | 30.54 | 611.73 | 611.74 |
| H | 217+56.33 | 30.54 | 611.43 | 611.43 |
| ⊕ Brg. Pier 2 | 217+64.33 | 30.54 | 611.19 | 611.19 |
| I | 217+74.33 | 30.54 | 610.89 | 610.89 |
| J | 217+84.33 | 30.54 | 610.59 | 610.60 |
| K | 217+94.33 | 30.54 | 610.29 | 610.31 |
| L | 218+04.33 | 30.54 | 609.99 | 610.00 |
| M | 218+14.33 | 30.54 | 609.69 | 609.69 |
| ⊕ Brg. Pier 3 | 218+22.33 | 30.54 | 609.45 | 609.45 |
| N | 218+32.33 | 30.54 | 609.15 | 609.15 |
| O | 218+42.33 | 30.54 | 608.85 | 608.85 |
| P | 218+52.33 | 30.54 | 608.55 | 608.55 |
| ⊕ Brg. Abut. B | 218+60.08 | 30.54 | 608.32 | 608.32 |
| Bk. Abut. B | 218+62.17 | 30.54 | 608.25 | 608.25 |

BEAM 8

| Location | Station | Offset | Theoretical Grade Elevations | Theor. Grade Elevations Adj. For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|---|
| Bk. Abut. A | 216+64.21 | 38.71 | 614.06 | 614.06 |
| ⊕ Brg. Abut. A | 216+66.29 | 38.71 | 614.00 | 614.00 |
| A | 216+76.29 | 38.71 | 613.70 | 613.71 |
| B | 216+86.29 | 38.71 | 613.40 | 613.41 |
| C | 216+96.29 | 38.71 | 613.10 | 613.10 |
| ⊕ Brg. Pier 1 | 217+04.04 | 38.71 | 612.87 | 612.87 |
| D | 217+14.04 | 38.71 | 612.57 | 612.58 |
| E | 217+24.04 | 38.71 | 612.27 | 612.29 |
| F | 217+34.04 | 38.71 | 611.97 | 611.99 |
| G | 217+44.04 | 38.71 | 611.67 | 611.69 |
| H | 217+54.04 | 38.71 | 611.37 | 611.37 |
| ⊕ Brg. Pier 2 | 217+62.04 | 38.71 | 611.13 | 611.13 |
| I | 217+72.04 | 38.71 | 610.83 | 610.84 |
| J | 217+82.04 | 38.71 | 610.53 | 610.55 |
| K | 217+92.04 | 38.71 | 610.23 | 610.26 |
| L | 218+02.04 | 38.71 | 609.93 | 609.95 |
| M | 218+12.04 | 38.71 | 609.63 | 609.64 |
| ⊕ Brg. Pier 3 | 218+20.04 | 38.71 | 609.39 | 609.39 |
| N | 218+30.04 | 38.71 | 609.09 | 609.09 |
| O | 218+40.04 | 38.71 | 608.79 | 608.79 |
| P | 218+50.04 | 38.71 | 608.49 | 608.49 |
| ⊕ Brg. Abut. B | 218+57.79 | 38.71 | 608.26 | 608.26 |
| Bk. Abut. B | 218+59.88 | 38.71 | 608.19 | 608.19 |

BEAM 9

| Location | Station | Offset | Theoretical Grade Elevations | Theor. Grade Elevations Adj. For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|---|
| Bk. Abut. A | 216+62.50 | 44.77 | 614.00 | 614.00 |
| ⊕ Brg. Abut. A | 216+64.59 | 44.79 | 613.93 | 613.93 |
| A | 216+74.56 | 44.90 | 613.63 | 613.64 |
| B | 216+84.53 | 45.00 | 613.33 | 613.34 |
| C | 216+94.50 | 45.11 | 613.03 | 613.03 |
| ⊕ Brg. Pier 1 | 217+02.22 | 45.19 | 612.80 | 612.80 |
| D | 217+12.19 | 45.30 | 612.50 | 612.51 |
| E | 217+22.16 | 45.41 | 612.20 | 612.22 |
| F | 217+32.13 | 45.51 | 611.90 | 611.92 |
| G | 217+42.10 | 45.62 | 611.60 | 611.61 |
| H | 217+52.07 | 45.73 | 611.29 | 611.30 |
| ⊕ Brg. Pier 2 | 217+60.05 | 45.81 | 611.05 | 611.05 |
| I | 217+70.02 | 45.92 | 610.75 | 610.76 |
| J | 217+79.99 | 46.03 | 610.45 | 610.47 |
| K | 217+89.96 | 46.13 | 610.15 | 610.18 |
| L | 217+99.93 | 46.24 | 609.85 | 609.87 |
| M | 218+09.90 | 46.35 | 609.55 | 609.56 |
| ⊕ Brg. Pier 3 | 218+17.88 | 46.43 | 609.31 | 609.31 |
| N | 218+27.85 | 46.54 | 609.01 | 609.01 |
| O | 218+37.82 | 46.64 | 608.71 | 608.71 |
| P | 218+47.79 | 46.75 | 608.41 | 608.41 |
| ⊕ Brg. Abut. B | 218+55.51 | 46.83 | 608.17 | 608.17 |
| Bk. Abut. B | 218+57.60 | 46.86 | 608.11 | 608.11 |

