

BEAM 9 & 10

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|--------------------|-----------|--------|------------------------------|--|
| BK. W. ABUT. | 154+87.00 | 3.21 | 545.31 | 545.31 |
| CL. EXP. JT. | 154+88.56 | 3.21 | 545.30 | 545.30 |
| CL. BRG. W. ABUT. | 154+89.46 | 3.21 | 545.29 | 545.29 |
| A | 154+99.46 | 3.21 | 545.20 | 545.23 |
| B | 155+09.46 | 3.21 | 545.12 | 545.16 |
| C | 155+19.46 | 3.21 | 545.03 | 545.08 |
| D | 155+29.46 | 3.21 | 544.94 | 544.99 |
| E | 155+39.46 | 3.21 | 544.85 | 544.89 |
| F | 155+49.46 | 3.21 | 544.76 | 544.77 |
| CL. BRG. PIER 1 | 155+62.13 | 3.21 | 544.65 | 544.65 |
| G | 155+72.13 | 3.21 | 544.57 | 544.58 |
| H | 155+82.13 | 3.21 | 544.48 | 544.51 |
| I | 155+92.13 | 3.21 | 544.39 | 544.44 |
| J | 156+02.13 | 3.21 | 544.30 | 544.37 |
| K | 156+12.13 | 3.21 | 544.21 | 544.28 |
| L | 156+22.13 | 3.21 | 544.13 | 544.19 |
| M | 156+32.13 | 3.21 | 544.04 | 544.08 |
| N | 156+42.13 | 3.21 | 543.95 | 543.97 |
| CL. BRG. PIER 2 | 156+55.29 | 3.21 | 543.83 | 543.83 |
| O | 156+65.29 | 3.21 | 543.75 | 543.76 |
| P | 156+75.29 | 3.21 | 543.66 | 543.69 |
| Q | 156+85.29 | 3.21 | 543.57 | 543.62 |
| R | 156+95.29 | 3.21 | 543.48 | 543.54 |
| S | 157+05.29 | 3.21 | 543.39 | 543.46 |
| T | 157+15.29 | 3.21 | 543.31 | 543.37 |
| U | 157+25.29 | 3.21 | 543.22 | 543.26 |
| V | 157+35.29 | 3.21 | 543.13 | 543.15 |
| CL. BRG. PIER 3 | 157+48.46 | 3.21 | 543.01 | 543.01 |
| W | 157+58.46 | 3.21 | 542.93 | 542.94 |
| X | 157+68.46 | 3.21 | 542.84 | 542.86 |
| Y | 157+78.46 | 3.21 | 542.75 | 542.79 |
| Z | 157+88.46 | 3.21 | 542.66 | 542.71 |
| AA | 157+98.46 | 3.21 | 542.57 | 542.62 |
| AB | 158+08.46 | 3.21 | 542.49 | 542.52 |
| W. CL. BRG. PIER 4 | 158+21.13 | 3.21 | 542.37 | 542.37 |
| CL. EXP. JT. | 158+22.00 | 3.21 | 542.37 | 542.37 |
| E. CL. BRG. PIER 4 | 158+22.88 | 3.21 | 542.36 | 542.36 |
| AC | 158+32.88 | 3.21 | 542.27 | 542.30 |
| AD | 158+42.88 | 3.21 | 542.18 | 542.22 |
| AE | 158+52.88 | 3.21 | 542.09 | 542.14 |
| AF | 158+62.88 | 3.21 | 542.01 | 542.06 |
| AG | 158+72.88 | 3.21 | 541.92 | 541.96 |
| AH | 158+82.88 | 3.21 | 541.83 | 541.84 |
| CL. BRG. PIER 5 | 158+95.54 | 3.21 | 541.72 | 541.72 |
| AI | 159+05.54 | 3.21 | 541.63 | 541.64 |
| AJ | 159+15.54 | 3.21 | 541.54 | 541.57 |
| AK | 159+25.54 | 3.21 | 541.46 | 541.51 |
| AL | 159+35.54 | 3.21 | 541.37 | 541.44 |
| AM | 159+45.54 | 3.21 | 541.28 | 541.35 |
| AN | 159+55.54 | 3.21 | 541.19 | 541.25 |
| AO | 159+65.54 | 3.21 | 541.10 | 541.14 |
| AP | 159+75.54 | 3.21 | 541.02 | 541.04 |

BEAM 9 & 10 CONT'D

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|------------------|-----------|--------|------------------------------|--|
| CL. BRG. PIER 6 | 159+88.71 | 3.21 | 540.90 | 540.90 |
| AQ | 159+98.71 | 3.21 | 540.81 | 540.82 |
| AR | 160+08.71 | 3.21 | 540.72 | 540.75 |
| AS | 160+18.71 | 3.21 | 540.64 | 540.69 |
| AT | 160+28.71 | 3.21 | 540.55 | 540.61 |
| AU | 160+38.71 | 3.21 | 540.46 | 540.53 |
| AV | 160+48.71 | 3.21 | 540.37 | 540.43 |
| AW | 160+58.71 | 3.21 | 540.28 | 540.32 |
| AX | 160+68.71 | 3.21 | 540.20 | 540.22 |
| CL. BRG. PIER 7 | 160+81.88 | 3.21 | 540.08 | 540.08 |
| AY | 160+91.88 | 3.21 | 539.99 | 540.00 |
| AZ | 161+01.88 | 3.21 | 539.90 | 539.92 |
| BA | 161+11.88 | 3.21 | 539.82 | 539.86 |
| BB | 161+21.88 | 3.21 | 539.74 | 539.79 |
| BC | 161+31.88 | 3.21 | 539.67 | 539.72 |
| BD | 161+41.88 | 3.21 | 539.60 | 539.63 |
| CL. BRG. E.ABUT. | 161+54.54 | 3.21 | 539.52 | 539.52 |
| CL. EXP. JT. | 161+55.44 | 3.21 | 539.52 | 539.52 |
| BK. E. ABUT. | 161+57.00 | 3.21 | 539.51 | 539.51 |

ROADWAY & PROFILE GRADE

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|-------------------|-----------|--------|------------------------------|--|
| BK. W. ABUT. | 154+87.00 | 0.00 | 545.36 | 545.36 |
| CL. EXP. JT. | 154+88.56 | 0.00 | 545.35 | 545.35 |
| CL. BRG. W. ABUT. | 154+89.46 | 0.00 | 545.34 | 545.34 |
| A | 154+99.46 | 0.00 | 545.25 | 545.28 |
| B | 155+09.46 | 0.00 | 545.17 | 545.21 |
| C | 155+19.46 | 0.00 | 545.08 | 545.13 |
| D | 155+29.46 | 0.00 | 544.99 | 545.04 |
| E | 155+39.46 | 0.00 | 544.90 | 544.94 |
| F | 155+49.46 | 0.00 | 544.81 | 544.82 |
| CL. BRG. PIER 1 | 155+62.13 | 0.00 | 544.70 | 544.70 |
| G | 155+72.13 | 0.00 | 544.62 | 544.63 |
| H | 155+82.13 | 0.00 | 544.53 | 544.56 |
| I | 155+92.13 | 0.00 | 544.44 | 544.49 |
| J | 156+02.13 | 0.00 | 544.35 | 544.42 |
| K | 156+12.13 | 0.00 | 544.26 | 544.33 |
| L | 156+22.13 | 0.00 | 544.18 | 544.24 |
| M | 156+32.13 | 0.00 | 544.09 | 544.13 |
| N | 156+42.13 | 0.00 | 544.00 | 544.02 |
| CL. BRG. PIER 2 | 156+55.29 | 0.00 | 543.88 | 543.88 |
| O | 156+65.29 | 0.00 | 543.80 | 543.81 |
| P | 156+75.29 | 0.00 | 543.71 | 543.74 |
| Q | 156+85.29 | 0.00 | 543.62 | 543.67 |
| R | 156+95.29 | 0.00 | 543.53 | 543.59 |
| S | 157+05.29 | 0.00 | 543.44 | 543.51 |
| T | 157+15.29 | 0.00 | 543.36 | 543.42 |
| U | 157+25.29 | 0.00 | 543.27 | 543.31 |

ROADWAY & PROFILE GRADE CONT'D

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|--------------------|-----------|--------|------------------------------|--|
| CL. BRG. PIER 3 | 157+48.46 | 0.00 | 543.06 | 543.06 |
| W | 157+58.46 | 0.00 | 542.98 | 542.99 |
| X | 157+68.46 | 0.00 | 542.89 | 542.91 |
| Y | 157+78.46 | 0.00 | 542.80 | 542.84 |
| Z | 157+88.46 | 0.00 | 542.71 | 542.76 |
| AA | 157+98.46 | 0.00 | 542.62 | 542.67 |
| AB | 158+08.46 | 0.00 | 542.54 | 542.57 |
| W. CL. BRG. PIER 4 | 158+21.13 | 0.00 | 542.42 | 542.42 |
| CL. EXP. JT. | 158+22.00 | 0.00 | 542.42 | 542.42 |
| E. CL. BRG. PIER 4 | 158+22.88 | 0.00 | 542.41 | 542.41 |
| AC | 158+32.88 | 0.00 | 542.32 | 542.35 |
| AD | 158+42.88 | 0.00 | 542.23 | 542.27 |
| AE | 158+52.88 | 0.00 | 542.14 | 542.19 |
| AF | 158+62.88 | 0.00 | 542.06 | 542.11 |
| AG | 158+72.88 | 0.00 | 541.97 | 542.01 |
| AH | 158+82.88 | 0.00 | 541.88 | 541.89 |
| CL. BRG. PIER 5 | 158+95.54 | 0.00 | 541.77 | 541.77 |
| AI | 159+05.54 | 0.00 | 541.68 | 541.69 |
| AJ | 159+15.54 | 0.00 | 541.59 | 541.62 |
| AK | 159+25.54 | 0.00 | 541.51 | 541.56 |
| AL | 159+35.54 | 0.00 | 541.42 | 541.49 |
| AM | 159+45.54 | 0.00 | 541.33 | 541.40 |
| AN | 159+55.54 | 0.00 | 541.24 | 541.30 |
| AO | 159+65.54 | 0.00 | 541.15 | 541.19 |
| AP | 159+75.54 | 0.00 | 541.07 | 541.09 |
| CL. BRG. PIER 6 | 159+88.71 | 0.00 | 540.95 | 540.95 |
| AQ | 159+98.71 | 0.00 | 540.86 | 540.87 |
| AR | 160+08.71 | 0.00 | 540.77 | 540.80 |
| AS | 160+18.71 | 0.00 | 540.69 | 540.74 |
| AT | 160+28.71 | 0.00 | 540.60 | 540.66 |
| AU | 160+38.71 | 0.00 | 540.51 | 540.58 |
| AV | 160+48.71 | 0.00 | 540.42 | 540.48 |
| AW | 160+58.71 | 0.00 | 540.33 | 540.37 |
| AX | 160+68.71 | 0.00 | 540.25 | 540.27 |
| CL. BRG. PIER 7 | 160+81.88 | 0.00 | 540.13 | 540.13 |
| AY | 160+91.88 | 0.00 | 540.04 | 540.05 |
| AZ | 161+01.88 | 0.00 | 539.95 | 539.97 |
| BA | 161+11.88 | 0.00 | 539.87 | 539.91 |
| BB | 161+21.88 | 0.00 | 539.79 | 539.84 |
| BC | 161+31.88 | 0.00 | 539.72 | 539.77 |
| BD | 161+41.88 | 0.00 | 539.65 | 539.68 |
| CL. BRG. E.ABUT. | 161+54.54 | 0.00 | 539.57 | 539.57 |
| CL. EXP. JT. | 161+55.44 | 0.00 | 539.57 | 539.57 |
| BK. E. ABUT. | 161+57.00 | 0.00 | 539.56 | 539.56 |

BLANK, WESSELINK, COOK & ASSOCIATES DECATUR, ILLINOIS ENGINEERS - CONSULTANTS DESIGN FIRM NO. 184000894

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|-------------|--------------------|---------------------|-----------|---|--|--|------------|--------|--------------|-----------|--|
| FILE NAME = | USER NAME = | DESIGNED <i>PBB</i> | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOP OF SLAB ELEVATIONS STRUCTURE NO. 018-0050(E.B.) | F.A.I. RTE. = | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | CHECKED <i>MCB</i> | REVISED - | 70 | | | (18-47-VBK (18-47B, 18-47HB)BR | CUMBERLAND | 147 | 99 | | |
| | PLOT SCALE = | DRAWN <i>MLO</i> | REVISED - | | | CONTRACT NO. 74466 | | | | | |
| | PLOT DATE = | CHECKED <i>MCB</i> | REVISED - | | | SHEET NO. 7 OF 42 SHEETS ILLINOIS FED. AID PROJECT | | | | | |