

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BEAM - 22

| Location       | Station    | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|----------------|------------|--------|------------------------------|--|
| Bk. of W. Abut | 1256+44.81 | 9.63   | 634.76                       | 634.76   |
| ⊕ Brg. W. Abut | 1256+48.24 | 9.63   | 634.78                       | 634.78   |
| A              | 1256+58.24 | 9.63   | 634.82                       | 634.89   |
| B              | 1256+68.24 | 9.63   | 634.87                       | 634.98   |
| C              | 1256+78.24 | 9.63   | 634.91                       | 635.06   |
| D              | 1256+88.24 | 9.63   | 634.95                       | 635.11   |
| E              | 1256+98.24 | 9.63   | 634.99                       | 635.13   |
| F              | 1257+08.24 | 9.63   | 635.03                       | 635.14   |
| G              | 1257+18.24 | 9.63   | 635.06                       | 635.13   |
| H              | 1257+28.24 | 9.63   | 635.09                       | 635.12   |
| ⊕ Pier 1       | 1257+36.66 | 9.63   | 635.12                       | 635.12   |
| I              | 1257+46.66 | 9.63   | 635.14                       | 635.13   |
| J              | 1257+56.66 | 9.63   | 635.17                       | 635.15   |
| K              | 1257+66.66 | 9.63   | 635.19                       | 635.18   |
| L              | 1257+76.66 | 9.63   | 635.21                       | 635.20   |
| M              | 1257+86.66 | 9.63   | 635.23                       | 635.22   |
| N              | 1257+96.66 | 9.63   | 635.24                       | 635.23   |
| O              | 1258+06.66 | 9.63   | 635.25                       | 635.24   |
| ⊕ Pier 2       | 1258+21.49 | 9.63   | 635.27                       | 635.27   |
| P              | 1258+31.49 | 9.63   | 635.27                       | 635.31   |
| Q              | 1258+41.49 | 9.63   | 635.27                       | 635.35   |
| R              | 1258+51.49 | 9.63   | 635.27                       | 635.39   |
| S              | 1258+61.49 | 9.63   | 635.27                       | 635.42   |
| T              | 1258+71.49 | 9.63   | 635.27                       | 635.42   |
| U              | 1258+81.49 | 9.63   | 635.26                       | 635.40   |
| V              | 1258+91.49 | 9.63   | 635.25                       | 635.36   |
| W              | 1259+01.49 | 9.63   | 635.24                       | 635.29   |
| ⊕ Brg. E. Abut | 1259+09.91 | 9.63   | 635.23                       | 635.23   |
| Bk. E. Abut    | 1259+13.33 | 9.63   | 635.22                       | 635.22   |

BEAM - 23

| Location       | Station    | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|----------------|------------|--------|------------------------------|--|
| Bk. of W. Abut | 1256+42.21 | 15.88  | 634.61                       | 634.61   |
| ⊕ Brg. W. Abut | 1256+45.64 | 15.88  | 634.63                       | 634.63   |
| A              | 1256+55.64 | 15.88  | 634.68                       | 634.74   |
| B              | 1256+65.64 | 15.88  | 634.73                       | 634.84   |
| C              | 1256+75.64 | 15.88  | 634.77                       | 634.92   |
| D              | 1256+85.64 | 15.88  | 634.81                       | 634.97   |
| E              | 1256+95.64 | 15.88  | 634.85                       | 634.99   |
| F              | 1257+05.64 | 15.88  | 634.89                       | 635.00   |
| G              | 1257+15.64 | 15.88  | 634.92                       | 634.99   |
| H              | 1257+25.64 | 15.88  | 634.96                       | 634.98   |
| ⊕ Pier 1       | 1257+34.06 | 15.88  | 634.98                       | 634.98   |
| I              | 1257+44.06 | 15.88  | 635.01                       | 635.00   |
| J              | 1257+54.06 | 15.88  | 635.03                       | 635.02   |
| K              | 1257+64.06 | 15.88  | 635.06                       | 635.04   |
| L              | 1257+74.06 | 15.88  | 635.07                       | 635.07   |
| M              | 1257+84.06 | 15.88  | 635.09                       | 635.08   |
| N              | 1257+94.06 | 15.88  | 635.11                       | 635.09   |
| O              | 1258+04.06 | 15.88  | 635.12                       | 635.10   |
| ⊕ Pier 2       | 1258+18.89 | 15.88  | 635.13                       | 635.13   |
| P              | 1258+28.89 | 15.88  | 635.14                       | 635.17   |
| Q              | 1258+38.89 | 15.88  | 635.14                       | 635.22   |
| R              | 1258+48.89 | 15.88  | 635.14                       | 635.26   |
| S              | 1258+58.89 | 15.88  | 635.14                       | 635.29   |
| T              | 1258+68.89 | 15.88  | 635.14                       | 635.29   |
| U              | 1258+78.89 | 15.88  | 635.13                       | 635.27   |
| V              | 1258+88.89 | 15.88  | 635.13                       | 635.23   |
| W              | 1258+98.89 | 15.88  | 635.11                       | 635.17   |
| ⊕ Brg. E. Abut | 1259+07.31 | 15.88  | 635.10                       | 635.10   |
| Bk. E. Abut    | 1259+10.73 | 15.88  | 635.10                       | 635.10   |

BEAM - 24

| Location       | Station    | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|----------------|------------|--------|------------------------------|--|
| Bk. of W. Abut | 1256+39.61 | 22.13  | 634.47                       | 634.47   |
| ⊕ Brg. W. Abut | 1256+43.04 | 22.13  | 634.49                       | 634.49   |
| A              | 1256+53.04 | 22.13  | 634.54                       | 634.60   |
| B              | 1256+63.04 | 22.13  | 634.59                       | 634.70   |
| C              | 1256+73.04 | 22.13  | 634.63                       | 634.77   |
| D              | 1256+83.04 | 22.13  | 634.67                       | 634.83   |
| E              | 1256+93.04 | 22.13  | 634.71                       | 634.85   |
| F              | 1257+03.04 | 22.13  | 634.75                       | 634.86   |
| G              | 1257+13.04 | 22.13  | 634.79                       | 634.86   |
| H              | 1257+23.04 | 22.13  | 634.82                       | 634.85   |
| ⊕ Pier 1       | 1257+31.46 | 22.13  | 634.84                       | 634.84   |
| I              | 1257+41.46 | 22.13  | 634.87                       | 634.86   |
| J              | 1257+51.46 | 22.13  | 634.90                       | 634.88   |
| K              | 1257+61.46 | 22.13  | 634.92                       | 634.91   |
| L              | 1257+71.46 | 22.13  | 634.94                       | 634.93   |
| M              | 1257+81.46 | 22.13  | 634.96                       | 634.95   |
| N              | 1257+91.46 | 22.13  | 634.97                       | 634.96   |
| O              | 1258+01.46 | 22.13  | 634.99                       | 634.97   |
| ⊕ Pier 2       | 1258+16.29 | 22.13  | 635.00                       | 635.00   |
| P              | 1258+26.29 | 22.13  | 635.01                       | 635.04   |
| Q              | 1258+36.29 | 22.13  | 635.01                       | 635.09   |
| R              | 1258+46.29 | 22.13  | 635.01                       | 635.13   |
| S              | 1258+56.29 | 22.13  | 635.01                       | 635.16   |
| T              | 1258+66.29 | 22.13  | 635.01                       | 635.16   |
| U              | 1258+76.29 | 22.13  | 635.01                       | 635.15   |
| V              | 1258+86.29 | 22.13  | 635.00                       | 635.10   |
| W              | 1258+96.29 | 22.13  | 634.99                       | 635.04   |
| ⊕ Brg. E. Abut | 1259+04.71 | 22.13  | 634.98                       | 634.98   |
| Bk. E. Abut    | 1259+08.13 | 22.13  | 634.97                       | 634.97   |

TOP OF SLAB ELEVATIONS-NB I-57 - 3  
STRUCTURE NO. 016-1251

|                            |                  |           |      |              |               |         |        |              |           |    |         |      |     |     |   |  |  |  |
|----------------------------|------------------|-----------|------|--------------|---------------|---------|--------|--------------|-----------|----|---------|------|-----|-----|---|--|--|--|
| <b>TYLIN</b> INTERNATIONAL | DESIGNED - PK    | REVISIONS |      | SHEET NO. 12 | F.A.I<br>RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |    |         |      |     |     |   |  |  |  |
|                            | CHECKED - SP.    | NAME      | DATE |              |               |         |        |              |           | 57 | 1414.2B | COOK | 516 | 257 |   |  |  |  |
|                            | DRAWN - PK       |           |      |              |               |         |        |              |           |    |         |      |     |     |   |  |  |  |
|                            | CHECKED - SP,PDF |           |      |              |               |         |        |              |           |    |         |      |     |     | CONTRACT NO. 60J27                              |  |  |  |
|                            | DATE - 03/18/10  |           |      |              |               |         |        |              |           |    |         |      |     |     | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |  |  |  |
|                            |                  |           |      |              |               |         |        |              |           |    |         |      |     |     |   |  |  |  |

P:\602540167-294\STRUCTURAL\I-57\_OVER\_1294\0161251-50J27-012-TOS\_ELEV\_NB3.dgn

3/17/2010