

|                           |         |                           |              |           |
|---------------------------|---------|---------------------------|--------------|-----------|
| F.A.I. RTE.               | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| 94                        | •       | COOK                      | 860          | 399       |
| STA. 2200+00.00           |         | TO STA. 2362+00.00        |              |           |
| FED. ROAD DIST. NO.       |         | ILLINOIS FED. AID PROJECT |              |           |
| (1516.1, 1717 & 1818) R-8 |         | 62694                     |              |           |

**HIGH MAST LIGHT TOWER FOUNDATION SCHEDULE (NOTE 1)**

| HIGH MAST LIGHT TOWER IDENTIFICATION | TOWER LOCATION |            | TOP OF FDN. ELEV. | BOTTOM ELEVATION | DESIGN DEPTH (D) | FOUNDATIONS INSTALLED IN CONTRACT | TOWERS INSTALLED IN CONTRACT | REMARKS                                 | CONCRETE CURB, TYPE B |
|--------------------------------------|----------------|------------|-------------------|------------------|------------------|-----------------------------------|------------------------------|---|-----------------------|
|                                      | STATION        | OFFSET     |                   |                  |                  |                                   |                              |   |                       |
| 6 OMN4                               | 2210+40.00     | RT 84.00'  | 1.72              | -20.28           | 22'              | 62583                             | 62583                        | GROUND MOUNTED                          | YES                   |
| 6 OMN3                               | 2216+89.80     | RT 124.90' |                   |                  |                  | 62694                             | 62583                        | WALL MOUNTED IN EXISTING RETAINING WALL |                       |
| 6 OIJ4                               | 1210+23.00     | LT 84.00'  | 2.50              | -18.50           | 21'              | 62583                             | 62583                        | GROUND MOUNTED                          | YES                   |
| 6 OIJ3                               | 1216+86.31     | LT 132.13' |                   |                  |                  | 62695                             | 62583                        | WALL MOUNTED                            |                       |
| 6 OIJ2                               | 1221+75.11     | LT 132.18' |                   |                  |                  | 62695                             | 62583                        | WALL MOUNTED                            |                       |
| 6 OIJ1                               | 1226+66.25     | LT 100.24' | 3.69              |                  | 30'              | 62695                             | 62583                        | GROUND MOUNTED                          | YES                   |
| 6 OMN2                               | 2221+99.30     | RT 114.60' |                   |                  |                  | 62694                             | 62583                        | WALL MOUNTED                            |                       |
| 6 OMN1                               | 2226+79.30     | RT 114.60' |                   |                  |                  | 62694                             | 62583                        | WALL MOUNTED                            |                       |
| 6 OKL1                               | 1231+80.70     | LT 96.40'  | 2.02              | -20.98           | 23'              | 62583                             | 62583                        | GROUND MOUNTED                          | YES                   |
| 6 OKL2                               | 1236+00.00     | LT 97.70'  | -2.46             | -24.46           | 22'              | 62583                             | 62583                        | GROUND MOUNTED                          |                       |
| 6 OKL3                               | 1240+99.00     | LT 110.80' | 5.66              | -13.34           | 19'              | 62583                             | 62583                        | GROUND MOUNTED                          |                       |
| 6 OOP1                               | 2231+89.30     | RT 114.60' |                   |                  |                  | 62694                             | 62583                        | WALL MOUNTED                            |                       |
| 6 OOP2                               | 2236+18.00     | RT 95.80'  |                   |                  |                  | 62694                             | 62583                        | GROUND MOUNTED IN KNEE WALL             |                       |
| 6 OOP3                               | 2241+17.80     | RT 116.90' |                   |                  |                  | 62694                             | 62583                        | GROUND MOUNTED IN KNEE WALL             |                       |
| 6 OKL4                               | 1246+01.06     | LT 127.96' |                   |                  |                  | 62695                             | 62583                        | GROUND MOUNTED IN KNEE WALL             |                       |
| 6 OCD1                               | 1250+99.93     | LT 127.96' |                   |                  |                  | 62695                             | 62583                        | WALL MOUNTED                            |                       |
| 6 OOP4                               | 2246+35.80     | RT 123.40' |                   |                  |                  | 62694                             | 62583                        | WALL MOUNTED                            |                       |
| 6 OGH1                               | 2251+20.00     | RT 106.20' |                   |                  |                  | 62694                             | 62583                        | GROUND MOUNTED IN KNEE WALL             |                       |
| 6 OCD2                               | 1255+99.67     | LT 99.84'  | -7.27             |                  | 30'              | 62695                             | 62583                        | GROUND MOUNTED                          | YES                   |
| 6 PAB4                               | 1260+65.70     | LT 101.00' | 2.33              | -17.67           | 20'              | 62583                             | 62583                        | GROUND MOUNTED                          | YES                   |
| 5 PAB3                               | 1265+14.80     | LT 100.20' | 1.92              | -23.08           | 25'              | 62583                             | 62583                        | GROUND MOUNTED                          | YES                   |
| 6 OGH2                               | 2256+36.50     | RT 104.50' |                   |                  |                  | 62694                             | 62583                        | WALL MOUNTED IN EXISTING RETAINING WALL |                       |
| 5 OGH3                               | 2260+92.90     | RT 111.70' |                   |                  |                  | 62694                             | 62583                        | WALL MOUNTED                            |                       |
| 5 PEF5                               | 2265+34.70     | RT 125.80' |                   |                  |                  | 62694                             | 62583                        | GROUND MOUNTED IN KNEE WALL             |                       |
| 5 PAB2                               | 1269+51.88     | LT 133.04' |                   |                  |                  | 62695                             | 62583                        | GROUND MOUNTED IN KNEE WALL             |                       |
| 5 PAB1                               | 1274+15.90     | LT 104.10' | 8.49              | -16.51           | 25'              | 62583                             | 62583                        | GROUND MOUNTED                          |                       |
| 5 PIJ3                               | 1278+64.70     | LT 99.90'  | 3.51              | -15.49           | 19'              | 62583                             | 62583                        | GROUND MOUNTED                          |                       |
| 5 PEF4                               | 2269+84.66     | RT 124.19' |                   |                  |                  | 62694                             | 62583                        | GROUND MOUNTED IN KNEE WALL             |                       |
| 5 PEF3                               | 2274+34.10     | RT 100.70' | 5.07              | -17.93           | 23'              | 62583                             | 62583                        | GROUND MOUNTED                          |                       |
| 5 PEF2                               | 2278+85.30     | RT 102.00' | 3.48              | -15.52           | 19'              | 62583                             | 62583                        | GROUND MOUNTED                          |                       |
| 5 PEF1                               | 2283+34.00     | RT 100.70' | -5.29             | -24.29           | 19'              | 62583                             | 62583                        | GROUND MOUNTED                          | YES                   |
| 6 POP1                               | 2287+40.00     | RT 100.00' | -3.64             |                  |                  | 62594                             | 62583                        | GROUND MOUNTED WITH RETAINING WALL      |                       |
| 6 POP2                               | 2292+38.70     | RT 123.95' |                   |                  |                  | 62594                             | 62594                        | WALL MOUNTED                            |                       |
| 5 PIJ2                               | 1283+15.50     | LT 100.10' | -0.47             | -19.47           | 19'              | 62583                             | 62583                        | GROUND MOUNTED                          | YES                   |
| 6 PIJ1                               | 1287+20.00     | LT 81.00'  | -6.43             |                  |                  | 62594                             | 62583                        | GROUND MOUNTED                          | YES                   |

- NOTES:**
- SEE IDOT HIGH MAST LIGHT TOWER FOUNDATION STANDARD DETAIL BE501 FOR FOUNDATION DETAILS.
  - CONTRACTOR TO VERIFY SOIL CONDITIONS AT THE TIME OF FOUNDATION EXCAVATION AGAINST THE "SOIL CONDITIONS" TABLE ON STANDARD DETAIL BE501 AND MODIFY THE DESIGN DEPTH "D" AND BOTTOM ELEVATION AS NECESSARY.
  - SEE STRUCTURAL SHEETS UNDER CONTRACT 62594, 62694 AND 62695 FOR WALL MOUNTED HIGH MAST LIGHT TOWER FOUNDATION DETAILS.

ES-02

| REVISIONS |      |
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| NAME      | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

HIGH MAST TOWER FOUNDATION  
SCHEDULE - SOUTH SECTION  
SHEET 2

SCALE: NONE      DRAWN BY: VG  
DATE:              CHECKED BY: TM

**TYLIN** INTERNATIONAL

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