

| | | | | |
|-----------------------|-----------|------------------|--------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 90/94 | 2003-0311 | COOK | 976 | 68 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | | |

HIGH MAST LIGHT TOWER FOUNDATION SCHEDULE (NOTE 1)

| HIGH MAST LIGHT TOWER IDENTIFICATION | HIGH MAST LIGHT TOWER LOCATION | | TOP OF FDN. ELEV. | BOTTOM ELEVATION | DESIGN DEPTH (D) | FOUNDATION INSTALLED IN CONTRACT | TOWER INSTALLED IN CONTRACT | REMARKS |
|--------------------------------------|--------------------------------|-----------------|-------------------|------------------|------------------|----------------------------------|-----------------------------|-----------------------------|
| | STATION | OFFSET (NOTE 5) | | | | | | |
| 7 RCD2 | 1367+30 | LT 111 | -1.00 | -22.00 | 21.71 | 62733 | 62733 | GROUND MOUNTED |
| 7 RGH5 | 2367+50 | RT 112 | -3.50 | -22.50 | 19.71 | 62733 | 62733 | GROUND MOUNTED |
| 7 RCD3 | 1371+55 | LT 115 | 0.00 | -15.50 | 16.21 | 62590 | 62733 | GROUND MOUNTED |
| 7 RGH6 | 2371+75 | RT 99 | -6.25 | -18.25 | 12.71 | 62590 | 62733 | GROUND MOUNTED |
| 7 RIAB5 | 1375+70 | LT 138 | 1.85 | -17.25 | 19.81 | 62590 | 62733 | GROUND MOUNTED |
| 7 RIEF5 | 2375+90 | RT 152 | -0.50 | -19.00 | 19.21 | 62590 | 62733 | GROUND MOUNTED |
| 7 RIAB3 | 1380+05 | LT 134 | 6.50 | -12.50 | 19.72 | 62590 | 62733 | GROUND MOUNTED |
| 7 RIEF3 | 2380+25 | RT 117 | -0.50 | -19.50 | 19.71 | 62590 | 62733 | GROUND MOUNTED |
| 7 RIAB2 | 1384+30 | LT 152 | 5.00 | -9.00 | 14.71 | 62590 | 62733 | GROUND MOUNTED |
| 7 RIEF2 | 2384+99 | RT 131 | | | | 62590 | 62733 | EXISTING WALL |
| 7 RIAB1 | 1388+65 | LT 140 | 8.00 | -10.50 | 19.21 | 62590 | 62733 | GROUND MOUNTED |
| 7 RIEF1 | 2388+85 | RT 130 | 17.50 | -8.00 | 26.21 | 62590 | 62733 | GROUND MOUNTED |
| 7 RICD1 | 1393+61 | LT 136 | | | | 62587 | 62733 | MOUNTED ON WALL SN 016-W927 |
| 7 RIGH1 | 2393+06 | RT 131 | | | | 62590 | 62733 | MOUNTED ON WALL SN 016-W930 |
| 7 RICD2 | 1397+12 | LT 74 | 6.86 | -15.50 | 23.07 | 62589 | 62733 | GROUND MOUNTED |
| 7 RIGH2 | 2397+00 | RT 181 | 6.25 | -13.00 | 19.96 | 62589 | 62733 | GROUND MOUNTED |
| 7 RICD3 | 1401+30 | LT 100 | 12.70 | -7.00 | 20.41 | 62589 | 62733 | GROUND MOUNTED |
| 7 RIGH3 | 6056+42 | RT 41 | 40.00 | 17.00 | 23.71 | 62733 | 62733 | GROUND MOUNTED |
| 7 SAB4 | 1405+70 | LT 195 | 17.80 | -1.00 | 19.51 | 62589 | 62733 | GROUND MOUNTED |
| 7 RIGH4 | 2402+05 | RT 73 | 7.25 | -11.00 | 18.96 | 62589 | 62733 | GROUND MOUNTED |
| 7 SAB3 | 1409+95 | LT 146 | 23.00 | -4.00 | 27.71 | 62587 | 62733 | GROUND MOUNTED |
| 7 SEF4 | 2405+23 | RT 189 | 20.85 | 0.00 | 21.56 | 62733 | 62733 | GROUND MOUNTED |
| 7 SAB2 | 1414+22 | LT 122 | | | | 62587 | 62733 | MOUNTED ON WALL SN 016-W929 |
| 7 SEF3 | 2409+25 | RT 151 | 23.15 | 0.00 | 23.86 | 62733 | 62733 | GROUND MOUNTED |
| 7 SAB1 | 1418+80 | LT 146 | 7.40 | -12.50 | 20.61 | 62589 | 62733 | GROUND MOUNTED |
| 7 SEF2 | 2414+25 | RT 155 | 4.45 | -13.50 | 18.66 | 62733 | 62733 | GROUND MOUNTED |
| 7 SCD1 | 1423+70.44 | LT 124.53 | 13.38 | -10.00 | 24.09 | 62693 | 62583 | GROUND MOUNTED |
| 7 SEF1 | 2419+35 | RT 141 | 5.00 | -14.00 | 19.71 | 62589 | 62733 | GROUND MOUNTED |
| 7 SCD2 | 1427+55.43 | LT 170.87 | | | | 62693 | 62583 | MOUNTED ON FLUTED KNEE WALL |
| 7 SGH1 | 2423+63.69 | RT 134.64 | 9.12 | -10.00 | 19.83 | 62693 | 62583 | GROUND MOUNTED |
| 7 SCD3 | 1431+55.44 | LT 150.63 | 3.36 | -12.00 | 16.07 | 62693 | 62583 | GROUND MOUNTED |
| 7 SGH2 | 2427+63.50 | RT 127.84 | 5.23 | -11.00 | 16.94 | 62693 | 62583 | GROUND MOUNTED |
| 7 SCD4 | 1435+55.44 | LT 137.68 | 5.17 | -17.00 | 22.88 | 62693 | 62583 | GROUND MOUNTED |
| 7 SGH3 | 2431+88.64 | RT 154.72 | 3.70 | -12.00 | 16.41 | 62693 | 62583 | GROUND MOUNTED |
| 7 TAB3 | 1439+47.68 | LT 156.35 | | | | 62693 | 62583 | MOUNTED ON WALL SN 016-W903 |

62583

NOTES:

- SEE IDOT HIGH MAST LIGHT TOWER FOUNDATION STANDARD DETAIL BE501 FOR GROUND MOUNTED HIGH MAST LIGHT TOWER FOUNDATION DETAILS. HIGH MAST LIGHT TOWER FOUNDATION SCHEDULE REPLACES THE SOIL CONDITIONS TABLE ON STANDARD BE501.
- REFER TO THE STRUCTURAL DRAWINGS OF THE INDIVIDUAL CONTRACTS LISTED IN THE SCHEDULE FOR RETAINING WALL MOUNTED HIGH MAST LIGHT TOWER FOUNDATION DETAILS.
- SEE DRAWING ME-03 FOR CONDUIT INSTALLATION DETAILS FOR LIGHT TOWER FOUNDATIONS MOUNTED ON RETAINING WALLS.
- SEE DRAWINGS ME-13, ME-13A, AND ME-13B FOR GROUND MOUNTED HIGH MAST LIGHT TOWER CONDUIT INSTALLATION, SERVICE PAD, AND RETAINING WALL DETAILS.
- OFFSET SHOWN IS TO CENTERLINE OF DRILLED SHAFT.

ES-04

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 31st STREET TO I-57
 HIGH MAST TOWER FOUNDATION
 SCHEDULE - CENTER SECTION
 SHEET 1
 SCALE: NONE DRAWN BY: HAR
 DATE: October 29, 2004 CHECKED BY: WDS



02/15/2004 02:33:19 PM