

FOR ROADWAY INSTALLATION (TRANSFORMER BASE)



| E.M.H. (m) | ARM LENGTH (m) | SHAFT | | | BASE PLATE |
|---------------|-------------------|-----------------------|----------------------|-------------------|---------------------|
| | | BASE DIAMETER (mm) | TOP DIAMETER (mm) | THICKNESS (mm) | BOLT CIRCLE (mm) |
| 7.6 | 1.5 | 200 | 115 | 4.8 | 290 |
| 7.6 | 3.0 | 200 | 150 | 4.8 | 290 |
| 7.6 | 4.6 | 200 | 150 | 4.8 | 290 |
| 7.6 | 6.1 | 250 | 150 | 4.8 | 370 |
| 7.6 | 7.6 | 250 | 150 | 6.4 | 370 |
| 9.1 | 1.5 | 200 | 115 | 4.8 | 290 |
| 9.1 | 3.0 | 200 | 150 | 4.8 | 290 |
| 9.1 | 4.6 | 200 | 150 | 4.8 | 290 |
| 9.1 | 6.1 | 250 | 150 | 4.8 | 370 |
| 9.1 | 7.6 | 250 | 150 | 6.4 | 370 |
| 10.7 | 1.5 | 200 | 115 | 4.8 | 290 |
| 10.7 | 3.0 | 200 | 150 | 4.8 | 290 |
| 10.7 | 4.6 | 200 | 150 | 4.8 | 290 |
| 10.7 | 6.1 | 250 | 150 | 4.8 | 370 |
| 10.7 | 7.6 | 250 | 150 | 6.4 | 370 |
| 12.2 | 1.5 | 200 | 150 | 4.8 | 290 |
| 12.2 | 3.0 | 200 | 150 | 4.8 | 290 |
| 12.2 | 4.6 | 200 | 150 | 5.6 | 290 |
| 12.2 | 6.1 | 250 | 150 | 5.6 | 370 |
| 12.2 | 7.6 | 250 | 150 | 8.0 | 370 |
| 13.7 | 1.5 | 200 | 150 | 5.6 | 290 |
| 13.7 | 3.0 | 200 | 150 | 5.6 | 290 |
| 13.7 | 4.6 | 200 | 150 | 5.6 | 290 |
| 13.7 | 6.1 | 250 | 150 | 6.4 | 370 |
| 13.7 | 7.6 | 250 | 150 | 8.0 | 370 |

NOTES:

1. The anchor bolt for roadway installation shall have a diameter of 25, a total length of 1320, and a hook length of 100.
2. The anchor bolt for bridge deck installation shall have a diameter of 25, a total length of 1120, and a hook length of 100.
3. Arm shall be truss type on bridge deck installation.

FOR BRIDGE DECK INSTALLATION (ANCHOR BASE)

| E.M.H. (m) | ARM LENGTH (m) | SHAFT | | | BASE PLATE |
|---------------|-------------------|-----------------------|----------------------|-------------------|---------------------|
| | | BASE DIAMETER (mm) | TOP DIAMETER (mm) | THICKNESS (mm) | BOLT CIRCLE (mm) |
| 7.6 | 1.5 | 200 | 115 | 4.8 | 290 |
| 7.6 | 1.5 | 200 | 150 | 4.8 | 290 |
| 9.1 | 1.5 | 200 | 115 | 4.8 | 290 |
| 9.1 | 1.5 | 200 | 150 | 4.8 | 290 |
| 10.7 | 1.5 | 200 | 115 | 4.8 | 290 |
| 10.7 | 1.5 | 200 | 150 | 4.8 | 290 |
| 12.2 | 1.5 | 200 | 150 | 4.8 | 290 |
| 12.2 | 1.5 | 200 | 150 | 5.6 | 290 |
| 13.7 | 1.5 | 200 | 150 | 5.6 | 290 |
| 13.7 | 1.5 | 200 | 150 | 6.4 | 290 |

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| INDIANA DEPARTMENT OF TRANSPORTATION | |
| ALUMINUM LIGHT POLE | |
| SEPTEMBER 2002 | |
| STANDARD DRAWING NO. 807-LTST-02 | |
|  | /s/ Richard L. VanCleave 9-03-02 DESIGN STANDARDS ENGINEER DATE |
|  | /s/ Richard K. Smutzer 9-03-02 CHIEF HIGHWAY ENGINEER DATE |
| DESIGN STANDARDS ENGINEER | |