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

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

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.

INDIANA DEPARTMENT OF TRANSPORTATION

ALUMINUM LIGHT POLE

SEPTEMBER 2002

STANDARD DRAWING NO. 807-LTST-02

RICHARD L. VANCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 9-03-02
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smulzer 9-03-02
CHIEF HIGHWAY ENGINEER DATE