FOR ROADWAY INSTALLATION (TRANSFORMER BASE)

E.M.H. (FT.)	ARM LENGTH (FT.)	SHAFT			BASE PLATE
		BASE DIAMETER (IN.)	TOP DIAMETER (IN.)	THICKNESS (IN.)	BOLT CIRCLE (IN.)
25	5	8	4.5	0.188	11½
25	10	8	6	0.188	11½
25	15	8	6	0.188	11½
25	20	10	6	0.188	14½
25	25	10	6	0.250	14½
30	5	8	4.5	0.188	11½
30	10	8	6	0.188	11½
30	15	8	6	0.188	11½
30	20	10	6	0.188	14½
30	25	10	6	0.250	14½
35	5	8	4.5	0.188	11½
35	10	8	6	0.188	11½
35	15	8	6	0.188	11½
35	20	10	6	0.188	14½
35	25	10	6	0.250	14½
40	5	8	6	0.188	11½
40	10	8	6	0.188	11½
40	15	8	6	0.219	11½
40	20	10	6	0.219	14½
40	25	10	6	0.312	14½
45	5	8	6	0.219	11½
45	10	8	6	0.219	11½
45	15	8	6	0.219	11½
45	20	10	6	0.250	14½
45	25	10	6	0.312	14½

FOR BRIDGE DECK INSTALLATION (ANCHOR BASE)

E.M.H. (FT.)	ARM LENGTH (FT.)	SHAFT			BASE PLATE
		BASE DIAMETER (IN.)	TOP DIAMETER (IN.)	THICKNESS (IN.)	BOLT CIRCLE (IN.)
25	5	8	4.5	0.188	11 1/2
25	5	8	6	0.188	11 1/2
30	5	8	4.5	0.188	11 1/2
30	5	8	6	0.188	11 1/2
35	5	8	4.5	0.188	11 1/2
35	5	8	6	0.188	11 1/2
40	5	8	6	0.188	11 1/2
40	5	8	6	0.219	11 1/2
45	5	8	6	0.219	11 1/2
45	5	8	6	0.250	11 1/2

NOTES:

1. The anchor bolt for roadway installation shall have a diameter of 1", a total length of 52", and a hook length of 4".
2. The anchor bolt for bridge deck installation shall have a diameter of 1", a total length of 44" and a hook length of 4".
3. Arm shall be truss type on bridge deck installation.

INDIANA DEPARTMENT OF TRANSPORTATION

ALUMINUM LIGHT POLE
WITH TRANSFORMER BASE

SEPTEMBER 2002

STANDARD DRAWING NO. E 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