

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

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.

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

INDIANA DEPARTMENT OF TRANSPORTATION	
ALUMINUM LIGHT POLE WITH TRANSFORMER BASE	
SEPTEMBER 2002	
STANDARD DRAWING NO. E 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	