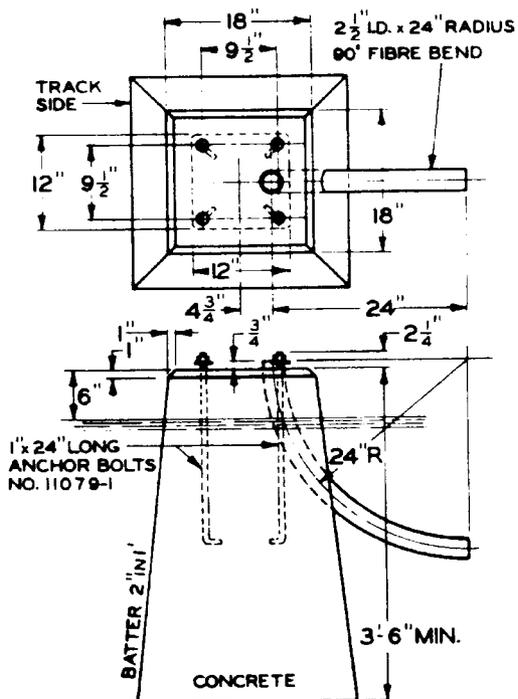
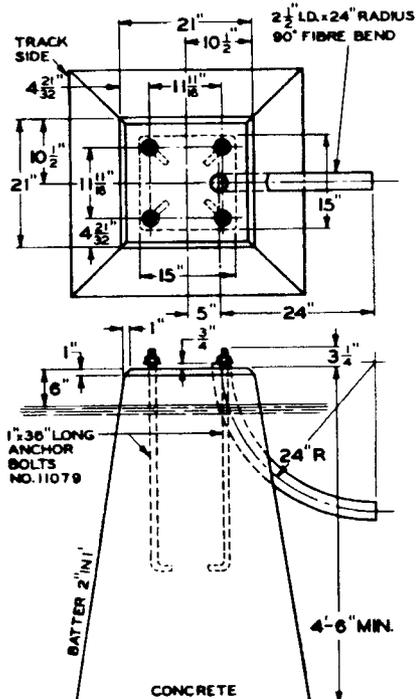


Suggested Foundations For Flashing Light Signals Using 4 Inch Masts



FOR 2146-II BASE

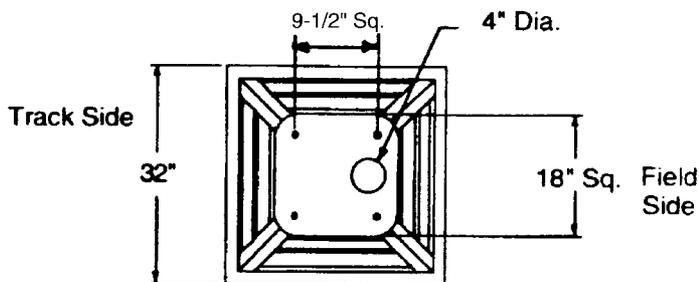
NOTE: For 14492 base, locate conduit entrance in center of foundation.



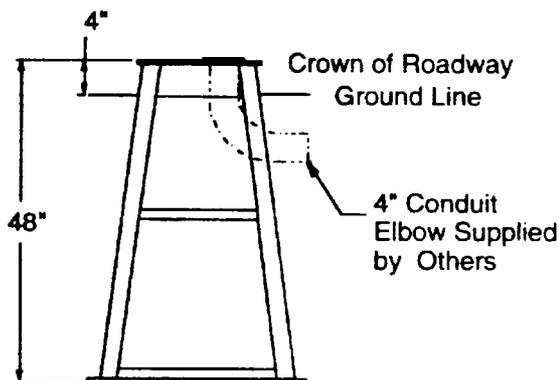
FOR 2147A-II 4" BASE

NOTE: For 2143-A, 4" base, locate conduit entrance in center of foundation.

Concrete Foundations



Roadside

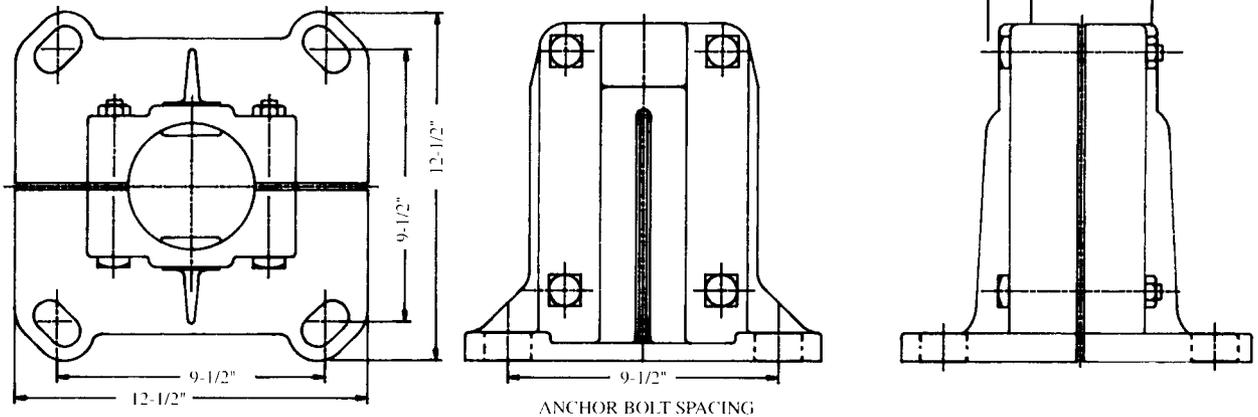


Galvanized Steel Foundation

No. 1181-10

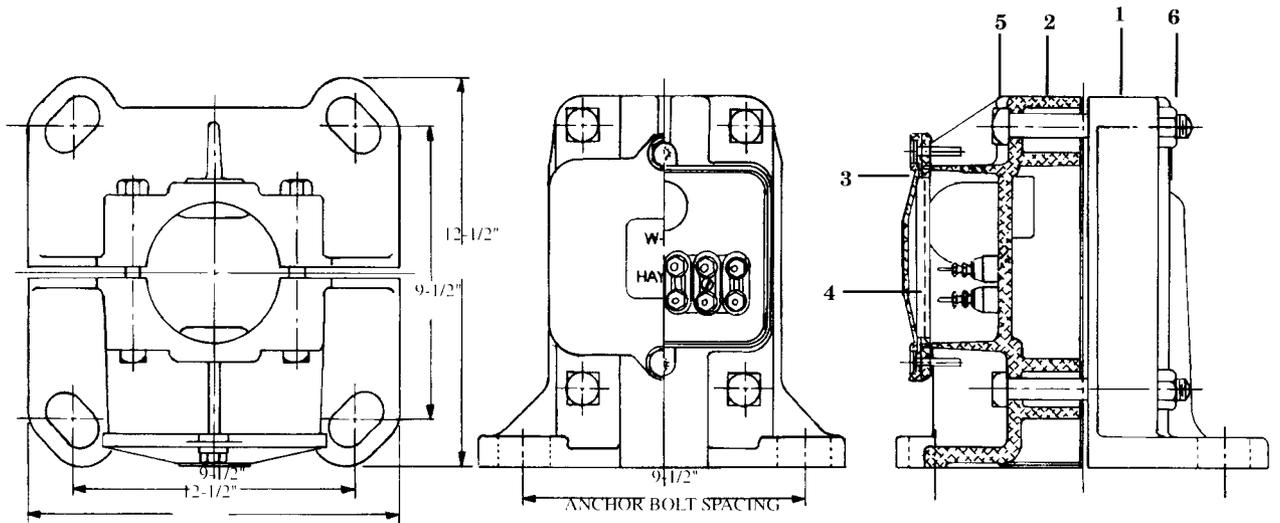
Clamp Bases for 4 Inch Masts

These cast aluminum clamp type signal bases are available as plain split bases or with one or both halves having a cast-in junction box capable of holding a bakelite terminal strip of 6 units (12 binding posts).



ANCHOR BOLT SPACING

Reference A



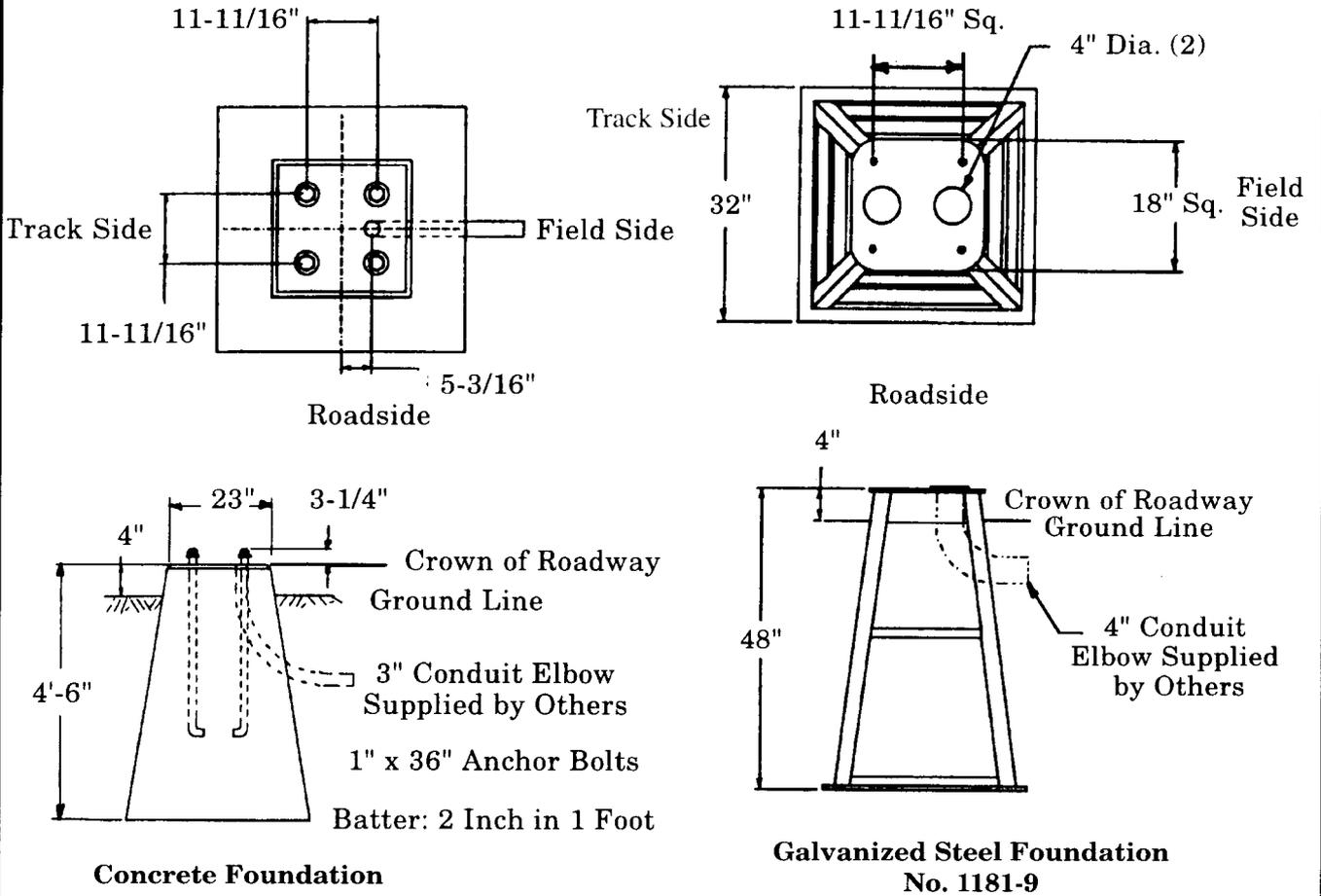
ANCHOR BOLT SPACING

Reference B

Clamp Bases for 4 Inch Masts

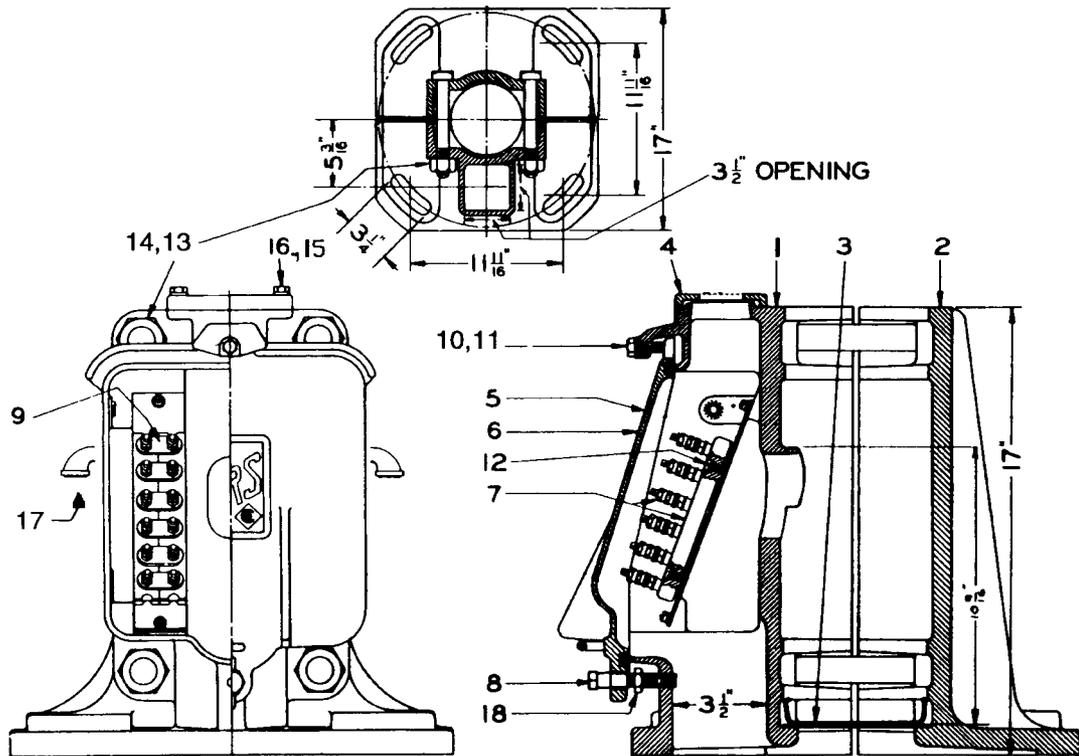
Reference	Description	Part No.
A	Type 14492 Plain Split Base Assembly, for 4" I.D. pipe, with 9-1/2" x 9-1/2" anchor bolt spacing	14492-A
A1	Type 2143 Plain Split Base Assembly, for 4" I.D. pipe, with 11-11/16" x 11-11/16" anchor bolt spacing (not shown)	2143-A
B	Type 2146 Junction Box Split Base Assembly with six terminals for 4" I.D. pipe, with 9-1/2" x 9-1/2" anchor bolt spacing	2146-A-11
B1	Type 2147 Junction Box Split Base Assembly with six terminals, for 4" I.D. pipe, with 11-11/16" x 11-11/16" anchor bolt spacing (not shown)	2147-A-11
C	Same as Reference B but junction box on both halves (not shown)	2146-A-12
C1	Same as Reference B1 but junction box on both halves (not shown)	2147-A-12
REPLACEMENT PARTS		
1	Plain Half Base Casting for Reference A and B	1449-A-1
1A	Plain Half Base Casting for Reference A1 and B1	2143-A-1
2	Junction Box Half Casting for Reference B and C	2146-A-15-C
2A	Junction Box Half Casting for Reference B1 and C1	2147-A-15-A
3	Cover for Reference B and C	2148-A-16
3A	Cover for Reference B1 and C1	2148-16-1
4	Double row terminal block	2507-106
5	3/4"-10 x 6-1/2" hex head bolt	CC-12-UU-3-065
6	3/4"-10 hex nut	JJ-12-UU-3

Suggested Foundations For Flashing Light Signals or Model 10 Gate Signals Using 5 Inch Masts



Clamp Bases for 5 Inch Masts

These cast aluminum clamp type signal bases are available as plain split bases or with one or both halves having a cast-in junction box capable of holding the required number of terminals.



Reference A

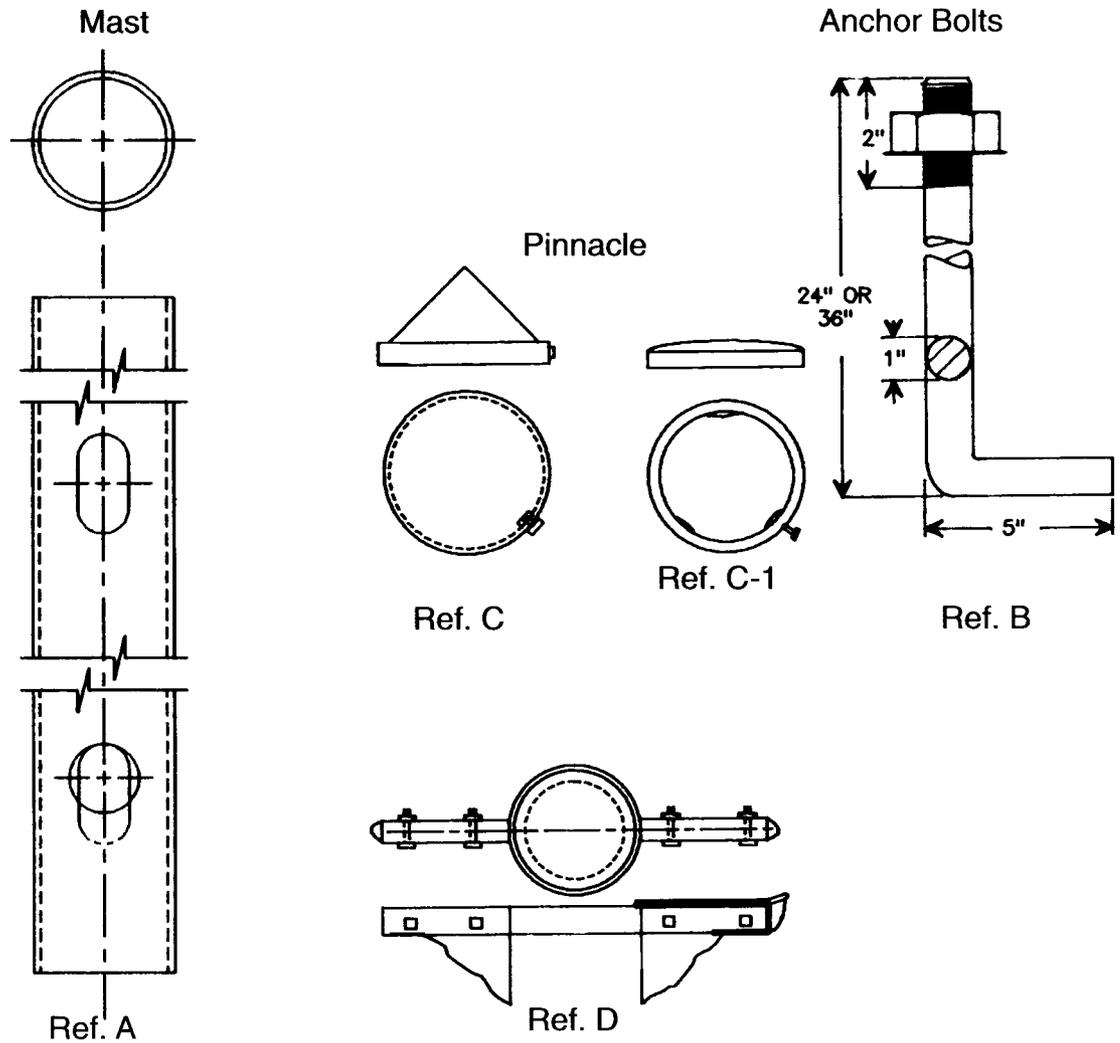
Reference	Description	Part No.
A	Type 2149 Junction Box Split Base Assembly with 24 terminals, for 5" I.D. pipe, with 11-11/16" x 11-11/16" anchor bolt spacing.	2149-A-111-G
B	Same as Reference A but with 32 terminals (not shown).	2149-A-121
C	Same as Reference A but for use with mast mounted power supply (not shown).	2149-A-111-K
D	Same as Reference A but with junction box on both halves, and 48 terminals (not shown).	2149-A-112-E
E	Type 2149 Plain Split Base Assembly for 5" I.D. pipe, with 11-11/16" x 11-11/16" anchor bolt spacing (not shown).	2149-A-213

Parts for Clamp Bases for 5 Inch Masts

Ordering References

Reference	Description	Part No.
1	Junction box half	2149-A-15-D
2	Split base half	2149-A-13
3	Pipe shield	2149-44
4	Cap with 1-1/2" NPT hole	2149-A-28-G
5	Weatherstrip	400-39-00
6	Cover	2149-A-16
7	Terminal strip with hardware	2508-106
8	5/16"-18 x 2" hex head cap screw	BB-12-GG-3-02
9	Shunting plate	7323-2
10	5/16" plain washer	PP-00-AK-3
11	5/16"-18 x 1" hex head cap screw	BB-12-GG-3-01
12	1/4"-20 x 3/4" filister head machine screw	AA-16-EE-3-0075
13	1" x 8" hex nut	HH-12-YY-3
14	1"-8 x 8" hex head bolt	CC-12-YY-3-08
15	3/8"-16 x 1-1/8" hex head cap screw	BB-12-JJ-3-0112
16	3/8" split lockwasher	RR-00-JJ-3
17	Ventilator assembly	1143-16-A
18	Push nut	970-45

Parts for Flashing Light Crossing Signals



Ref.	Description	Part No.
A	Mast, 4" I.D. X 15'-6" long, for flashing light signals. Please specify drilling.	714-00-00
A-1	Mast, 5" I.D. X 16' long for flashing light signals or flashing light signals with gates. Please specify drilling. (Not shown).	715-00-00
B	Galvanized steel anchor bolt, for gated signal, 1" X 36" with washer and hex nut.	11079
B-1	Galvanized steel anchor bolt, for flashing light signal, 1" X 24" with washer and hex nut. (Not shown).	11079-1
	*Anchor bolts for cantilever structures available upon request.	
C	Pinnacle for 4" I.D. mast.	110-A-6
C-1	Pinnacle for 5" I.D. mast.	110-A-8
D	Pole step, complete for 4" I.D. mast.	10151
D-1	Pole step, complete for 5" I.D. mast. (Not shown).	10152