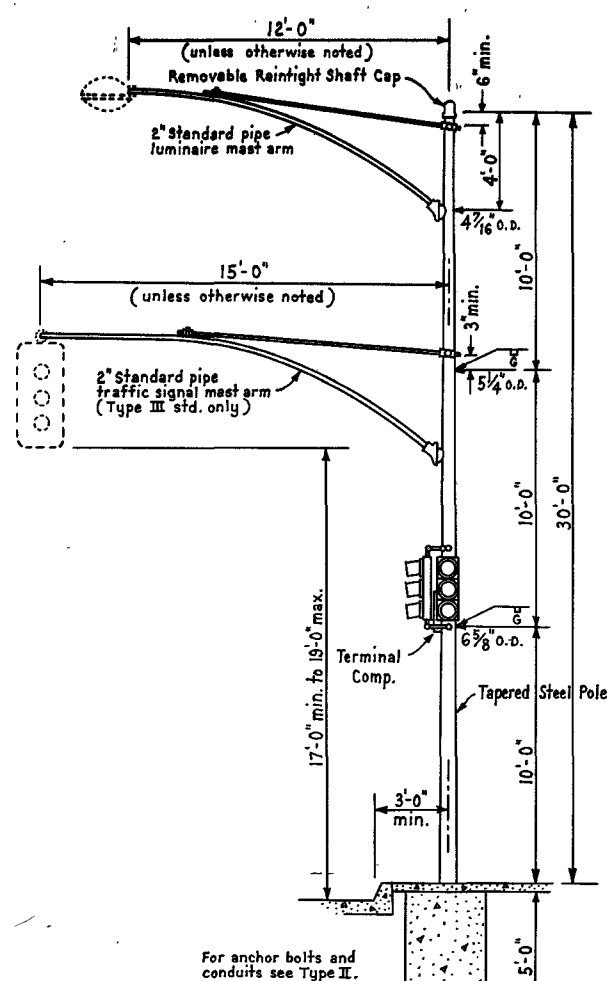
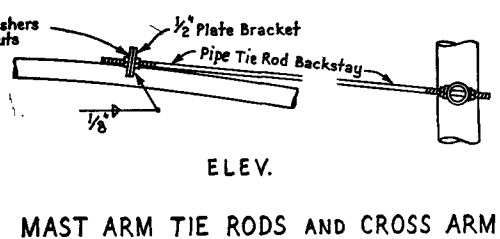
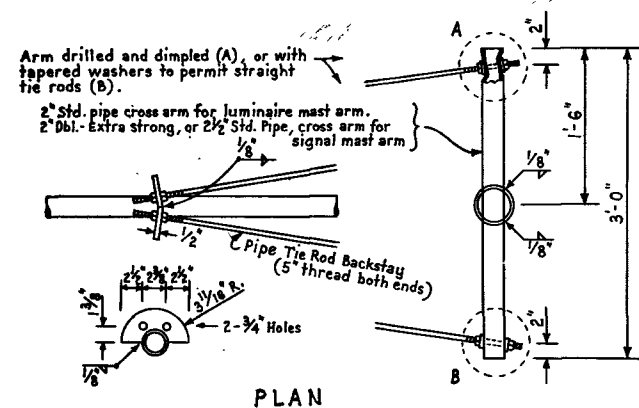
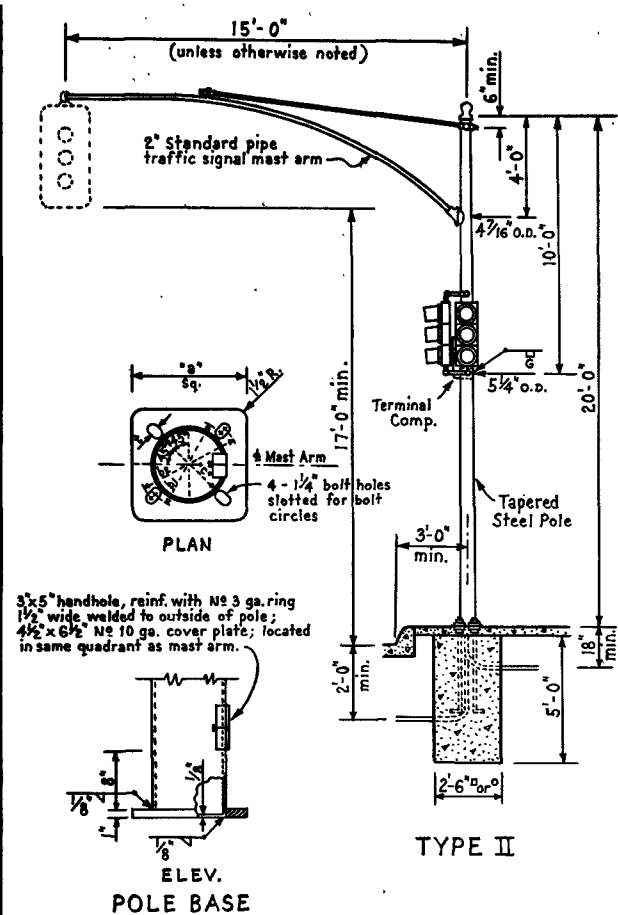
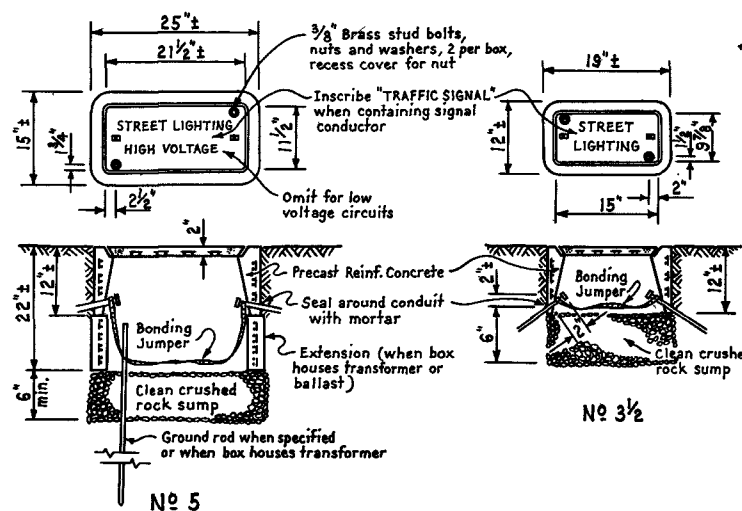
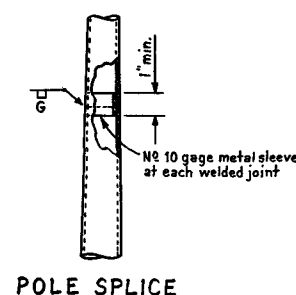
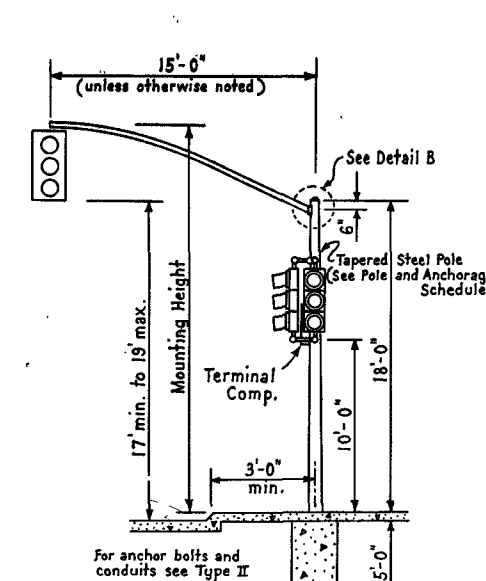




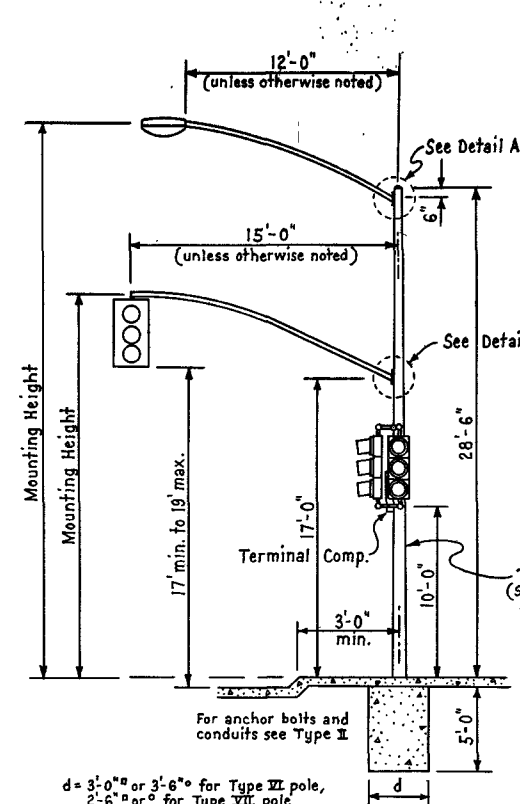
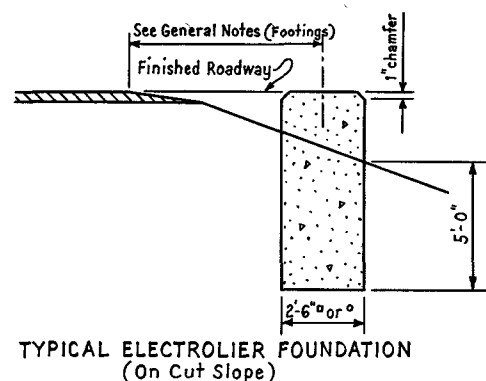
TYPE III OR IV
(III Shown)



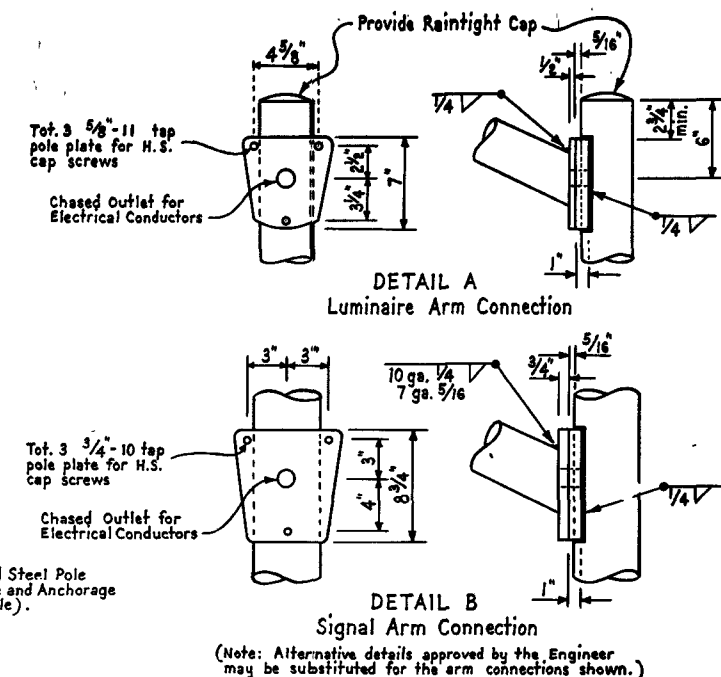
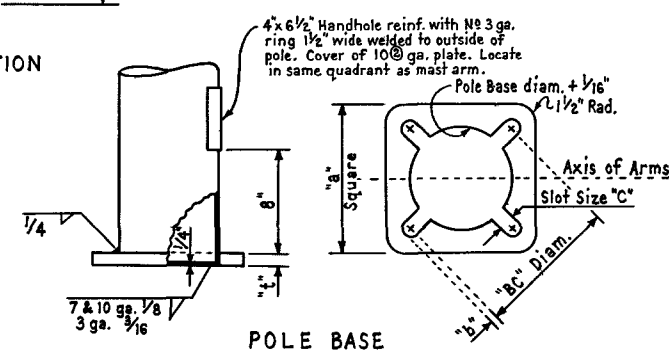
PULL BOXES



TYPE V



TYPE VI OR VII
(VI Shown)



GENERAL NOTES

- GALVANIZING**
- All steel shafts, mast arms, bolts, screws, nuts, washers and tie rods shall be galvanized.
- STEEL MAST ARMS**
- Luminaire mast arms shall be so curved that when mast arm is fastened to pole the luminaire end shall not be below top of pole or more than 1'-6" above, for pole types III & IV.
 - The last 3' of the mast arm shall be straight and horizontal with luminaire or traffic signal attached.
 - Connection between mast arm and pole shall be made by means of a raintight socket of a design permitting simple removal of the mast arm and providing a chased outlet for electrical conductors on Types II, III and IV.
 - Mast arms for Types V, VI and VII shall be round tapered steel tube with maximum taper of 0.15 inches per foot and a 2 3/8" o.d. end section for mounting hardware. Standard 2" pipe extensions of 3'-0" max. on 12'-20' sizes may be used at the option of the manufacturer.
- TIE RODS (Types II, III and IV only)**
- All traffic signal mast arms, and mast arms 12' and longer for luminaires with integral ballasts, shall be equipped with standard pipe tie rods with welded 3/8" round bolt tips, threaded 5". Weld shall be coated with zinc-oxide paint or galvanized.
 - Pipe tie rods shall be 3/4" for 12'-0" to 15'-0" mast arms and 1" for mast arms longer than 15'-0".
- ANCHOR BOLTS**
- Each standard shall be supplied with 4 anchor bolts. Each anchor bolt shall have 6" of thread and a 4"-90° bend. Lengths indicated do not include the required 4"-90° bend.
 - One anchor bolt shall be bonded to conduit.
 - Threads may be cut or rolled. Bolts shall be galvanized or plated after threads are formed. Each bolt shall be provided with 6" of threads and furnished with two nuts and two washers (1/4" x 2 1/2" min.).
- STEEL POLES**
- Pole types II, IV, V and VII may be fabricated from 11 gage sheet steel of 40,000 p.s.i. minimum yield.
- FOOTINGS**
- On sections without curb, bases shall be placed a minimum of 3' from shoulder or a minimum of 10' from traveled way, whichever is greater.

TYPES II, III & IV									
Pole Type	Pole Height & Gage	Pole Base Diameter "C"	Base Plate Dimensions			Base Plate Slot Size "C"	Anchor Bolts		
			"a"	"b"	"be"		Dimensions	BC	
II	20' x 10 ga.	6 5/8"	11 1/2"	9 1/2"	11 1/2"	1 1/4"	1" x 36"	9 1/2"	
III	30' x 7 ga.	8"	11 1/2"	9 1/2"	11 1/2"	1 3/8"	1 1/8" x 40"	11"	
IV	30' x 10 ga.	8"	11 1/2"	9 1/2"	11 1/2"	1 1/4"	1" x 36"	11"	

TYPES V, VI & VII													
Round Tapered Steel Pole Type	Gage	Min. O.D. Base	Base Plate				Anchor Bolts	Signal Arm Data				Luminaire Arm Data	
			a	b	c	t		Projected Length	Gage	Min. O.D. @ Pole	Mounting Height	Projected Length	Min. O.D. @ Pole
V	10 ga.	7 3/4"	5 1/4"	11 1/2"	5/8"	1 1/4"	1"	1" x 36"	11"	15'-0"	10 ga.	4.6"	22.3±
VI	7 ga.	7 1/4"	3 3/8"	11 1/2"	3/4"	1 1/2"	1"	1 1/4" x 44"	11"	15'-0"	10 ga.	4.6"	22.3±
VII	10 ga.	7 3/4"	3 3/8"	11 1/2"	5/8"	1 1/4"	1"	1" x 36"	11"	None		12'-0"	10 ga.

POLE AND ANCHORAGE SCHEDULE

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