

CABLE SPLICING — AERIAL

PREPARATION AND ARRANGEMENT

CONTENTS	PAGE
1. GENERAL	1
2. PREPARATION	1
3. LOCATION OF SPLICE OPENINGS AT POLE	2
4. LOCATION OF SPLICE OPENINGS AT CROSSOVERS	2
5. ARRANGEMENT OF COMPLETED SPLICE .	2

1. GENERAL

1.01 This section covers the preparation and cable arrangement of splices in aerial cables at locations other than terminals and load points.

1.02 This section is reissued to show the preferred location of a splice. Since this reissue covers a general revision, arrows ordinarily used to indicate changes have been omitted.

2. PREPARATION

2.01 Set up the cable for splicing, making any necessary bends as gradual as possible. Do not kink the cable.

2.02 Do not place cable straps, clamps, or cable supports at the center of a bend. Attach them to the straight portion of the cable at each side of the bend. If there is a bend in the cable between the strand and the pole, place the cable clamp or strap on the pole from 10 to 18 inches below the strand depending on the size of the

cable. Place a support on the strand at the other end of the bend.

2.03 If the cable is ring-supported, remove any cable rings which would interfere with the splicing. If the cable is lashed, relocate the lashing at the splice location so there will be no interference with splicing.

2.04 As a general rule, when splicing a branch cable at a pole, set up the cables so the branch will enter the splice case or lead sleeve above the main aerial cable. However, if the two cables are of approximately the same size or if a more desirable arrangement can be obtained by having the branch cable enter the closure below the main aerial cable, they can be so arranged (Fig. 1).

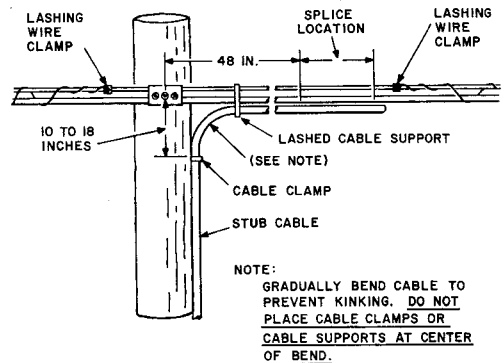


Fig. 1 — Location of Branch Cable Splice at Pole

**Reprinted to comply with modified final judgment.

3. LOCATION OF SPLICE OPENINGS AT POLE

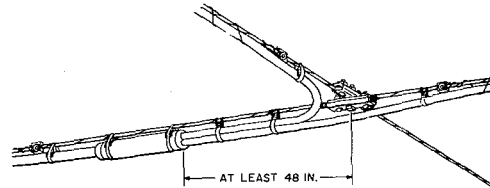
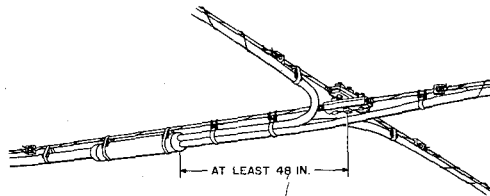
3.01 When making a straight splice at a pole, the opening shall be 48 inches from the through bolt.

4. LOCATION OF SPLICE OPENINGS AT CROSSOVERS

4.01 If a splice between a main and a branch cable is made at the intersection of two suspension strands, arrange the cables as shown in Fig. 2. Should this arrangement be unsatisfactory from a safety standpoint, the splice may be located at the adjacent pole.

5. ARRANGEMENT OF COMPLETED SPLICE

5.01 After the splice is completed the necessary supports shall be placed in accordance with the practice covering the placing of aerial cable.



NOTE:
DO NOT MAKE BENDS
SHARPER THAN NECESSARY.

Fig. 2 — Splice Location at Crossovers