

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G52.135.2
Issue 1, April, 1952
AT&T Co Standard

AERIAL CABLE SUPPORTS

ARRANGEMENT

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1. GENERAL

1.01 This section covers the arrangement of aerial cable supports. It, together with Section G52.135.1, replaces Section G52.135, Issue 2.

1.02 Where no splice is present, the cable placing forces shall place the necessary aerial cable supports as soon as possible after the cable is placed.

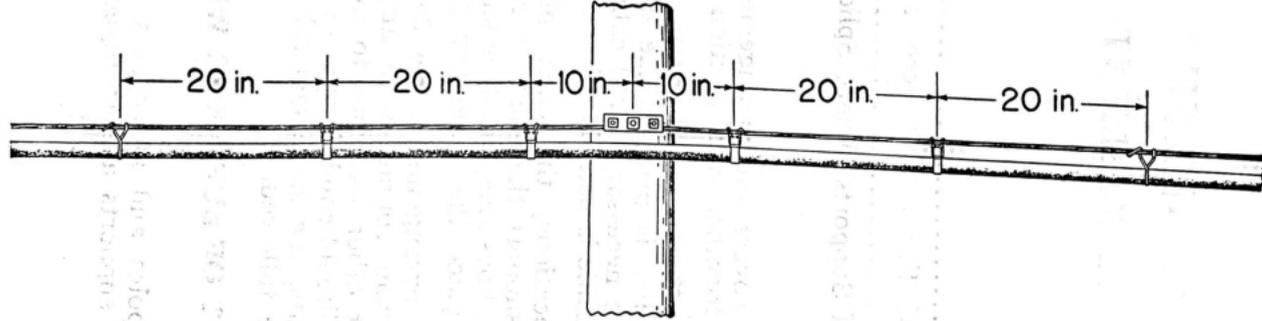
1.03 At splice locations, the cable placing forces shall temporarily support the cable as required with rings, loops of lashing wire, houseline, or other suitable material. The splicing forces will place the necessary permanent supports.

1.04 The support arrangements are designed to hold the cable free from contact with any hardware and to support the cable at other locations to avoid sheath damage due to ring cutting. Should conditions arise that are not covered in these arrangements, the same general principles as herein illustrated should be followed.

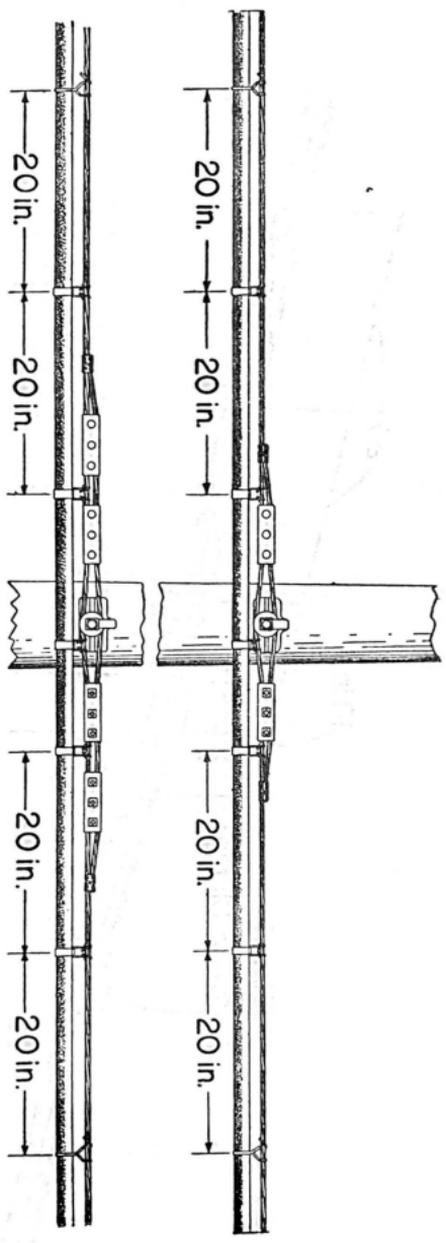
2. ARRANGEMENT OF SUPPORTS WHERE NO SPLICE IS PRESENT

2.01 At in-line poles and at corners under five feet pull aerial cable supports are arranged as follows:

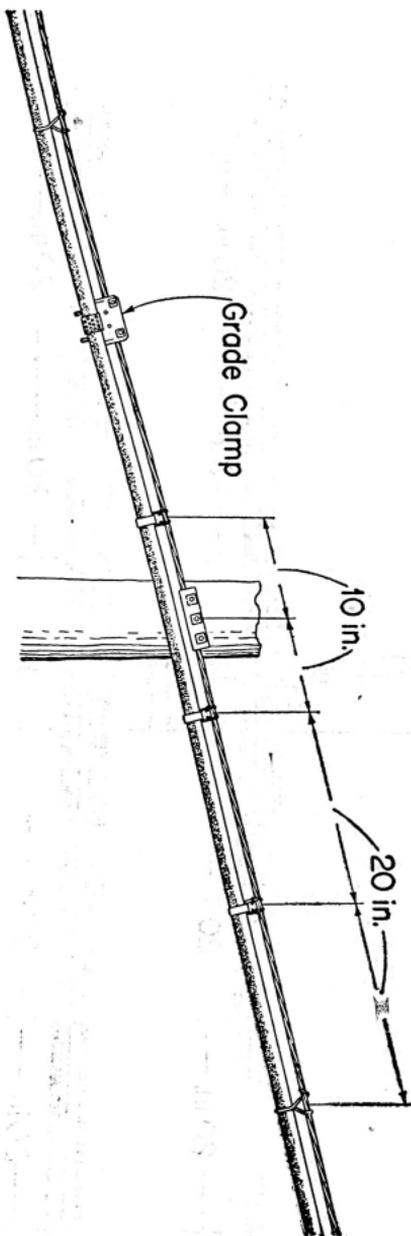
(a) Where the strand is not dead-ended:



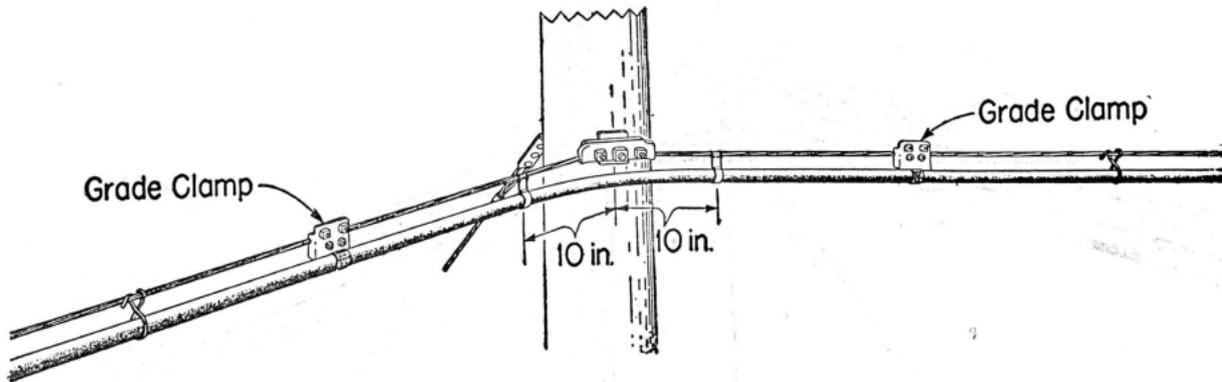
(b) Where the strand is terminated on a pole strand connector:



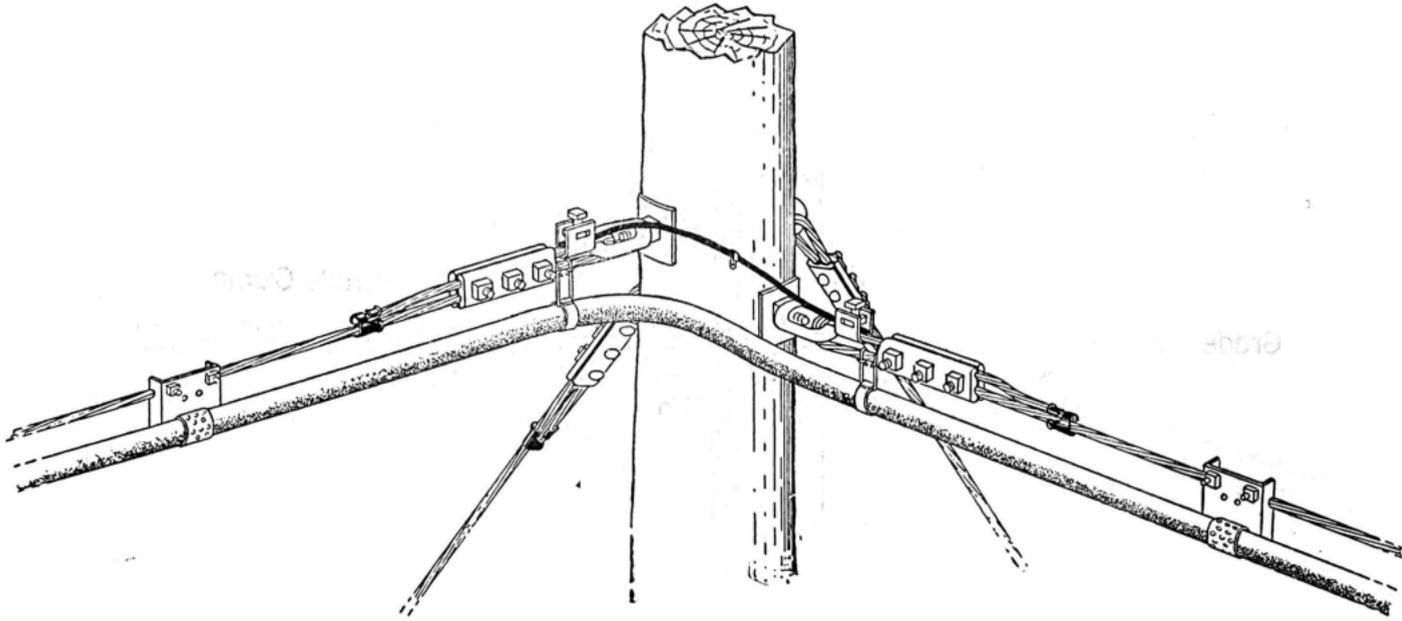
(c) At pole locations where grade clamps are installed:



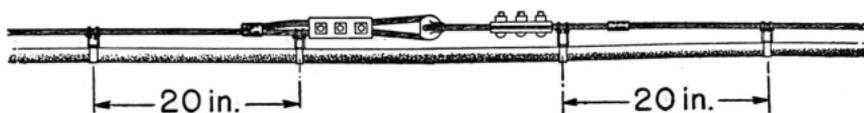
- 2.02 At corner pole locations where the pull is five feet and over, the supports are arranged as follows:
- (a) Where the strand is not dead-ended or where it is dead-ended by the wrap method:



(b) Where strand is dead-ended by the eye-bolt method:



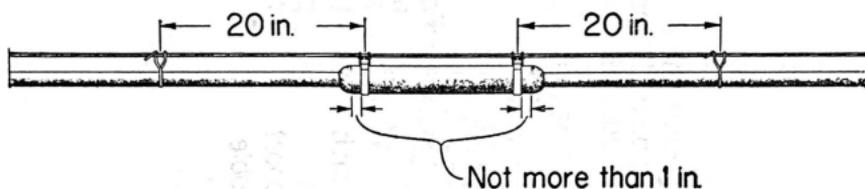
2.03 Where strand is spliced in the span, arrange the supports as follows:



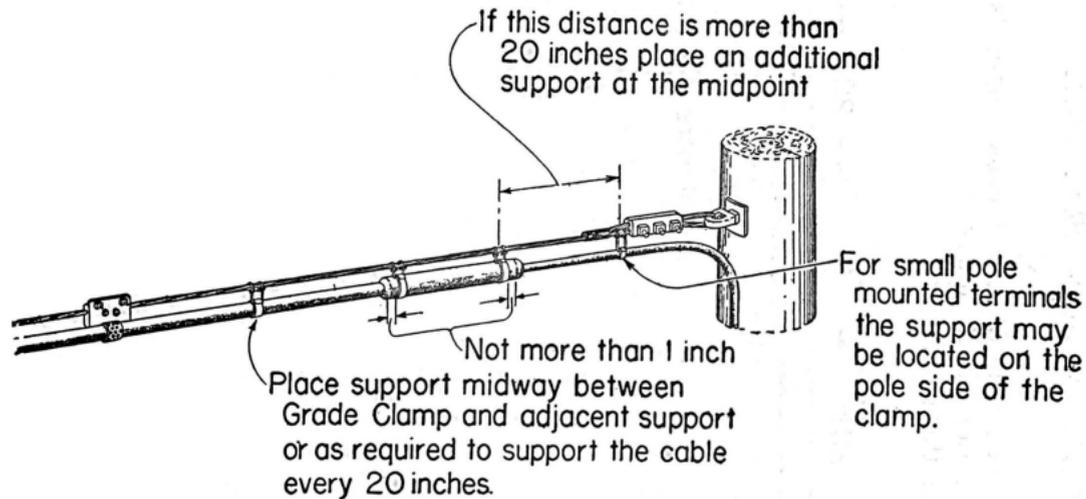
3. ARRANGEMENT OF SUPPORTS WHERE SPLICE IS PRESENT

3.01 The arrangement of aerial cable supports at various splice locations is as follows:

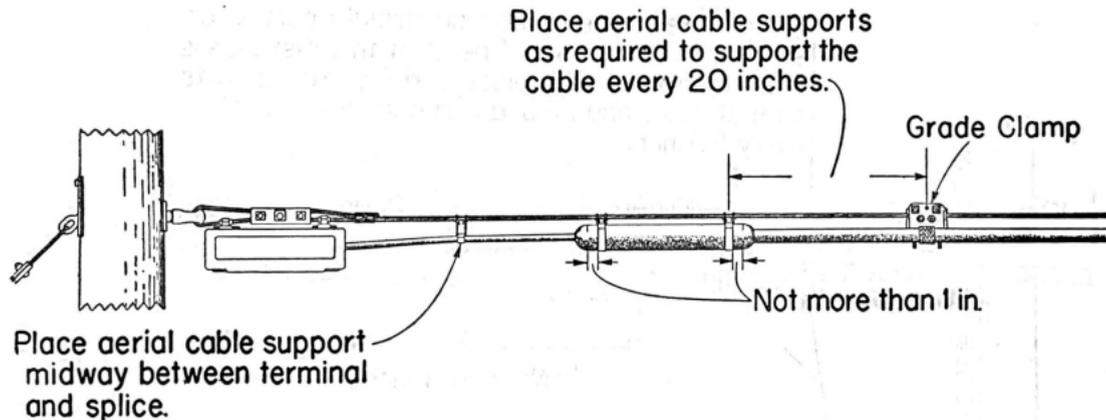
(a) Splice in the span:



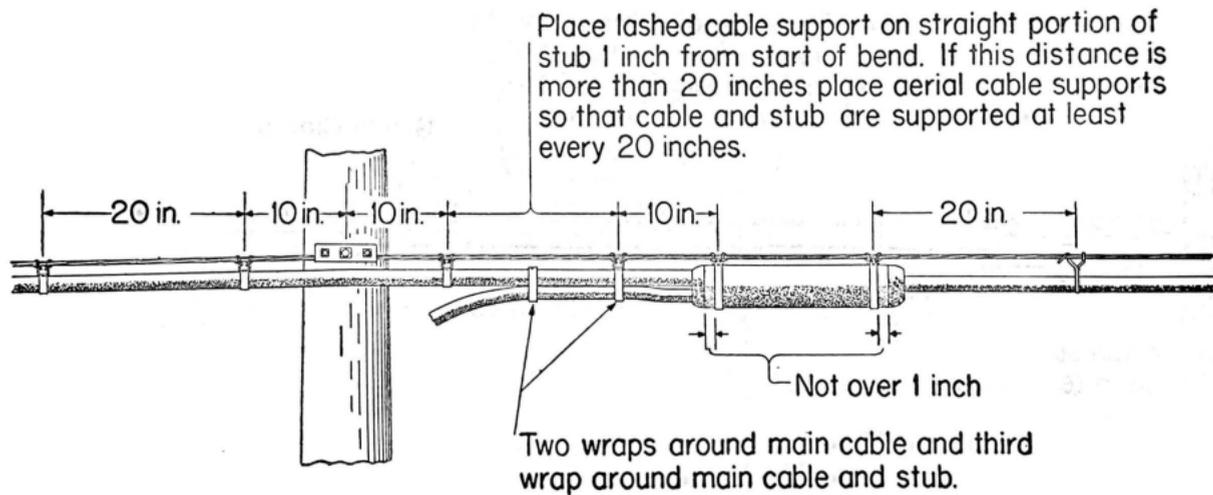
(b) Splice at cable dead-end:



(e) At cable dead-end where sheath-mounted terminal is located:

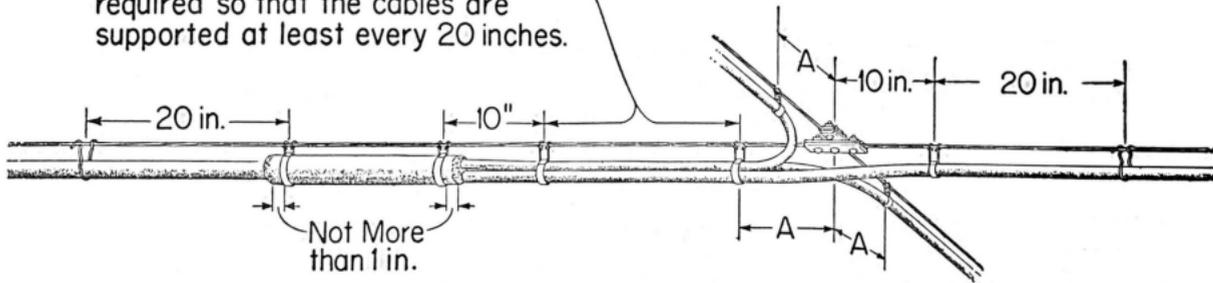


(f) At pole-mounted load coil case or cross-connecting terminal locations:



(g) At strand crossovers:

If this distance is more than 20 inches use additional supports as required so that the cables are supported at least every 20 inches.



Note A- Locate supports on straight portion of cable 1 inch from start of bend but not less than 10 inches from crossover bolt.