BELL SYSTEM PRACTICES
Outside Plant Construction and Maintenance

SECTION G52.125.7
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AT&T Co Standard

LASHED AERIAL CABLE
ARRANGEMENT OF SUPPORTS AT LOADING AND CONTACTOR POINTS

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1. GENERAL

1.01 This section covers the arrangement of supports for lashed cable at loading points, pressure contactors and contactor terminals.

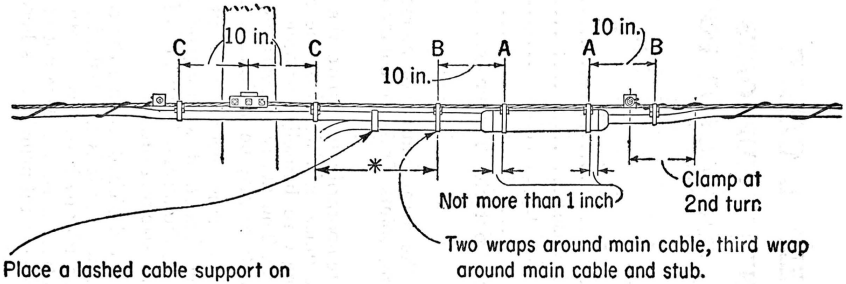
1.02 At splice locations, temporarily terminate the lashing wire and support the unlashed portion of the cable as necessary with loops of lashing wire, houseline or other suitable material on hand after placing. The necessary permanent supports and lashing wire terminations may be made after splicing.

1.03 If, in completing the job, it is necessary to cut lashing wire that has been terminated, it is important that the lashing wire first be secured to the strand by means of lashing wire grips to insure against its slacking off.

1.04 These arrangements are designed to hold the cable in a long smooth curve, wherever it is not lashed snugly to the strand, free from contact with any hardware or other points of interference. Should conditions arise that are not covered in these arrangements, the same general principles as herein illustrated should be followed.

2. POLE MOUNTED LOAD COIL CASES

2.01 At pole mounted load coil cases arrange the supports as shown.

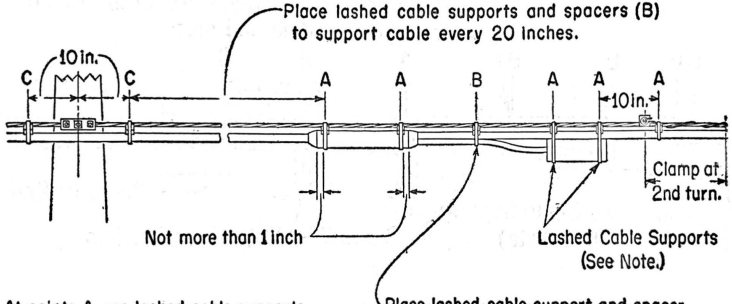


*If this distance is more than 20 inches, place lashed cable supports and spacers (B) so that cable and stub are supported at least every 20 inches.

At points A, use lashed cable supports and 1/4 inch cable spacers.
At points B, use lashed cable supports and cable spacers of proper size to have cable parallel to strand between support and splice
At points C, use lashed cable supports and cable spacers of proper size to obtain separation between cable and suspension clamp of not less than 1/2 inch and have cable in long smooth curve.

3. STRAND MOUNTED LOAD COIL CASES

3.01 At strand mounted load coil cases arrange the supports as shown.



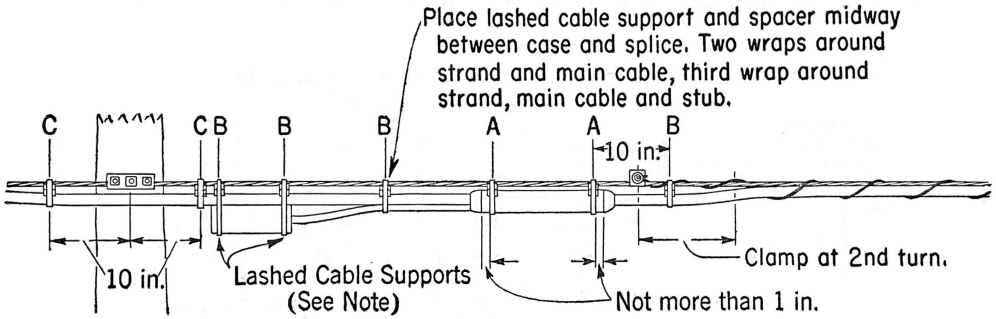
At points A, use lashed cable supports and ¼ inch cable spacers.

At point B, use lashed cable support and cable spacer of proper size to have cable parallel to strand between support and splice.

At points C, use lashed cable supports and cable spacer of proper size to obtain separation between cable and suspension clamp of not less than ½ inch and have cable in smooth curve.

Note: Make first wrap of support around strand and cable, second and third wraps around the strand, cable and case.

3.02 As an alternative.



At points A use lashed cable support and ¼ inch cable spacer.

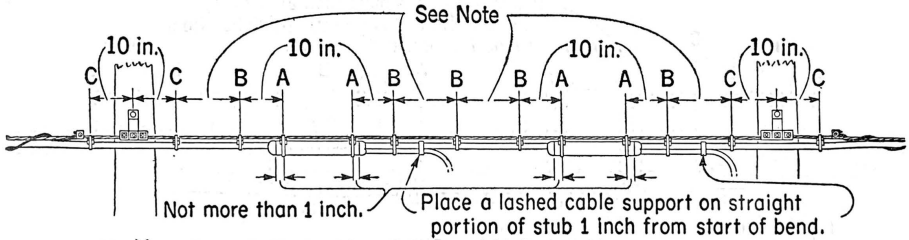
At points B use lashed cable support and cable spacer of proper size to have cable parallel to strand between support and splice

At points C use lashed cable support and cable spacer of proper size to obtain separation between cable and suspension clamp of not less than ½ inch and have cable in smooth curve.

Note: Make first wrap of support around strand and cable; second and third wraps around the strand, cable and case.

4. H LOADING FIXTURES

4.01 At H loading fixtures arrange the supports as shown.



At points A use lashed cable support and ¼ inch cable spacer.

At points B use lashed cable support and cable spacer of proper size to have cable parallel to strand between support and splice.

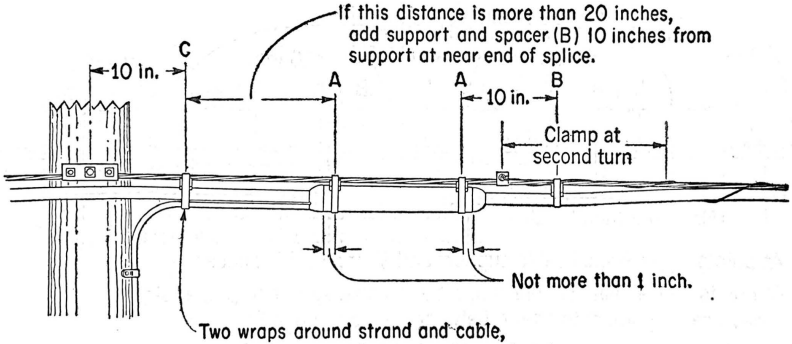
At points C use lashed cable support and cable spacer of proper size to obtain separation between cable and suspension clamp of not less than ½ inch and have cable in long smooth curve.

Where separation between strand and cable is 1 inch or more use aerial cable support in place of lashed cable support.

Note: If this distance is more than 20 inches use additional supports as necessary so that the cable is supported at least every 20 inches.

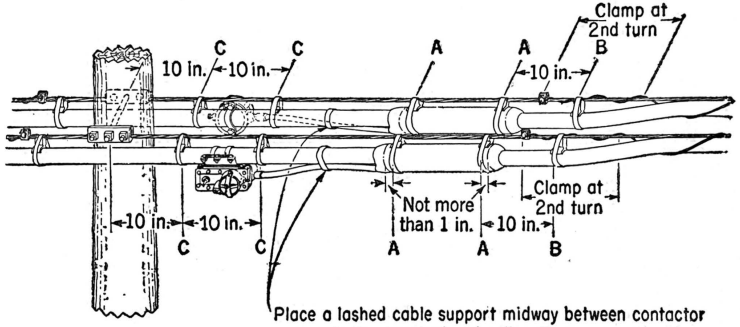
5. PRESSURE CONTACTORS AND CONTACTOR TERMINALS

5.01 At pole mounted contactor terminals arrange the supports as shown.



At points A, use lashed cable supports and 1/4 inch cable spacers.
At point B, use lashed cable support and cable spacer of proper size to have cable parallel to strand between support and splice.
At point C, use lashed cable support and cable spacer of proper size to obtain separation of not less than 1/2 inch and have cable in long smooth curve.

5.02 At strand mounted pressure contactors and contactor terminals arrange the supports as shown.



Place a lashed cable support midway between contactor or contactor terminal and splice. Two wraps around main cable and third wrap around main cable and stub.

At points A, use lashed cable supports and 1/4 inch cable spacers.
At point B, use lashed cable support and cable spacer of proper size to have cable parallel to strand between support and splice.
At points C, use lashed cable supports and cable spacers of proper size to obtain separation of not less than 1/2 inch and have cable in long smooth curve.