

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

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CABLE SPLICING—HOUSE
PREPARATION AND ARRANGEMENT

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1. GENERAL

1.01 This section describes the preparation of the cable at the splice location and the arrangement of the completed splice.

2. PREPARATION

2.01 Set up the cable so that it will be straight on both sides of the splice. If the cable is clamped to a wall, locate the splice so that its center will be half-way between cable clamps. Set up cables at a branch splice so that "Y" joints will be flat against the wall. The cables should not cross each other.

2.02 If the splice is to be made in a pull box, set up the cables and locate the splice so as not to block any spare ducts entering the pull box. Leave enough cable in the box to prevent strain at the joints in case the cable settles in the duct.

2.03 If it is necessary to make a splice in a vertical position, arrange the cables so that it will not be necessary to wipe a "Y" joint at the lower end of the lead sleeve.

3. ARRANGEMENT OF COMPLETED SPLICE

3.01 After the splice is completed, place a cable clamp at the center of the lead sleeve or taped splice and replace the clamps which were removed from the cables to facilitate splicing, except clamps which would be closer than 6 inches to wiped joints.

3.02 If the sleeve or taped splice is too large to fit the largest size cable clamp, use a cable strap or an adjustable sleeve strap to support the splice.

3.03 If the splice is made on a moulding and it is desired to make it as inconspicuous as possible, the splice may be set down back of the moulding, by cutting away the back of the moulding or the plaster in back of the moulding. This should not be done, however, without the authorization of the supervisor.

3.04 The "Y" joints on strand supported splices in shafts should be reinforced by means of wire ties as shown below or by lashed cable supports.

