Prepared by
The Pacific Telephone and Telegraph Company
Southern California Area

B DISTRIBUTION CABLE

GENERAL

NOTES CONCERNING THIS ADDENDUM

This addendum supplements Section G52.175.1 with information on the continuity of suspension strand, and construction of B Distribution Cable on poles in joint use with higher voltage power circuits.

The cross-reference "See Addendum" should be written at Paragraph 1.02 and 3.02(a) which are replaced herein.

1. GENERAL

1.02 In general, B Distribution Cable may be installed aerially in the same manner as lead covered cables, except as noted below. Sections G52.175.2 and G52.175.3 cover Lashed Construction and Ring Construction respectively, and outline certain changes that apply specifically to "B" Distribution Cables.

(a) "B" Distribution Cable should not be used in railroad crossing spans.

(b) "B" Distribution Cable should not be used in aerial construction where joint use with supply circuits of voltages exceeding 5000 volts will be involved, except in situations where such supply circuits are equipped with sensitive ground protection (such as power circuits out of various substations in Orange County, City of Vernon, etc.). Questions arising in connection with the proposed use of "B" Distribution Cable in joint use construction with higher voltage circuits should be referred to the Plant Engineer.

3. SUSPENSION STRAND

3.02(a) Strand Continuity

(1) Where the continuity of the suspension strand is broken, bridge the gap with a bond consisting of a piece of No. 6 BRC Solid R Wire, or a piece of strand of the same size as the suspension strand (See Part 4 of Section G52.125.2).

(2) Where underground laterals or dips are involved, the strand supporting the B Distribution Cable shall be cross bonded to the lead sheath of the cable placed in the lateral or dip, so that the messenger of these cables will be effectively grounded. The bonding may be accomplished with a grade clamp if conditions permit, or by bridging the gap with a piece of No. 6 BRC Solid R Wire attached to the strand with a strand ground clamp and to the lead sheath of the lateral cable by means of an L Ground Clamp.