

AERIAL CABLE MAINTENANCE
REMOVING BOWS FROM AERIAL CABLES
ON 10M AND 16M STRAND

NOTES CONCERNING THIS ADDENDUM

This Addendum is being issued to provide additional information on the placing of strand pullers and to bring some instructions up-to-date.

The cross-reference, "See Addendum," should be marked in G52.415 to indicate the following:

- Paragraph 2.01 - Supplemented
- Paragraph 7.02(a) - Replaced - except illustration on Page 10
- Paragraph 7.02(b) - Supplemented
- Paragraph 7.02(c) - Added
- Paragraph 7.03 - Replaced - except illustration on Page 13
- Paragraph 7.07 - Replaced
- Paragraph 8.01(c) - Replaced
- Paragraph 8.02 - Replaced

2. EQUIPMENT REQUIRED

2.01 Light Pole Jack is now called the 5-Ton Pole Jack. The use of this tool is shown on Pages 10, 12, and 13 of the main section.

The Chain Hoist may be substituted for the 5-Ton Pole Jack or the Tension (Splicing) Jack on 10M strand when the loads are within the capacity of the Hoist.

7. PLACING EXTRA LENGTH OF STRAND IN THE SUSPENSION STRAND

7.02 (a) Where two suspension strands are on the same pole line, suspend the platform from the strand that is not being siacked off.

- (1) Lash the ladder to the strand as shown in Bell System Practices.
 - (2) Where heavy loads are involved the cable shall be lashed to the second strand before the first strand is cut.
 - (3) With a strand dynamometer, measure the tension in the strand which is to be slacked off.
 - (4) Select, clean, and place strand pullers as specified in Bell System Practices "Strand Pullers - Use."
- 7.02 (b) The Chain Hoist may be used in dead ending the auxiliary suspension strand as shown in the illustration on Page 12 of the main section.
- 7.02 (c) Strand held by a Strand Puller shall not be used to support a ladder, splicer's platform, or a man.
- 7.03 Where a Truck Platform Ladder or "Tower" truck is used for raising the workman to the strand level the set up is similar to the illustration on Page 13 of the main section.
- 7.07 Splicing the Suspension Strand. Equip a piece of strand of the same size as the suspension strand, with strandlinks or strand connectors at each end. The overall length with strandlinks should be about one foot longer than the distance between the cut ends of the cable strand. The overall length with strand connectors should be 4 to 6 feet longer than the gap. Connect one end of the strand to the cable suspension strand in the usual manner. Before connecting the other ends take up one to three notches on the jack or hoist for the purpose of compensating for the extra slack that is usually introduced when making strand splices.
8. RESTORING CABLE TO NORMAL
- 8.01 (c) Replace aerial cable supports at splices, terminals, and poles in accordance with standard practices.
- 8.02 Following the work of slacking off suspension strand some motion of the cable with respect to the strand may take place. An inspection should be made of the cable about a month later for the purpose of rearranging aerial cable supports, grade clamps, or any other attachment affected by the movement.