

SUSPENSION STRAND

PLACING - GENERAL

NOTES CONCERNING THIS ADDENDUM

This addendum covers local construction practices on pulling in strand and information on crossovers and turns.

The following should be marked "See Addendum" and treated as indicated:

Paragraph 2.03 - Note added.

Paragraph 4.02 - Replaced.

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2. RUNNING OUT SUSPENSION STRAND

2.03

Note: Generally, strand should be pulled in with rope, however, 109 steel construction wire may be used, except over power wires or guys, if wire stringing precautions are observed. The 109 wire should be attached to the strand by one of the following methods:

(a) Wrap friction tape around the strand about 8 inches from the end and unwind the six outside wires to this point. Cut off 3 inches from every other wire and 6 inches from the remaining three wires. Insert the core wire of the strand and the end of the 109 pull wire in an S steel sleeve* and roll the sleeve in the standard manner. Rewind the outside wires and tape down the ends so that the strand can be pulled smoothly.

(b) Place several layers of friction tape around the strand about 6 inches from the end. Score the six outside wires deeply with a hack saw or a three cornered file about 1/4 inch from the tape. Bend the six wires individually until all are

broken off, leaving the core wire exposed. Place a strand pulling cap over the core wire. **Slide the cap down over the cut ends of the strand. Remove the friction tape and force the strand into the cap as far as possible (Minimum 3/4 inch). Using the S steel sleeve* as a gauge, cut the core wire at a point which is 1/2 inch plus half the length of the sleeve from the tapered end of the cap. Insert the core wire into one end of the sleeve and the 109 pull wire into the other end. Roll the sleeve in the standard manner.

* Use the sizes of sleeve shown below:

Strand	S Steel Sleeve
6M	109
10M	109 x 134
16M	109 x 134

**It will be necessary to reduce the diameter of the 16 M strand slightly with abrasive cloth or a file to fit the strand pulling cap.

4. CROSSOVERS OR TURNS

4.02 Avoid making turns at strand crossovers in so far as practicable. Where a corner is necessary, a pull-off shall be used for corners greater than the minimum unguyed corner permitted by the practice covering "Guying Aerial Cable Lines."

4.03

Note: Where more than one cable is involved, a separate pull-off shall be provided for each cable except that two cables at the same grade may be supported with one pull-off by connecting the two cables together with either a B cable suspension bolt or a short piece of strand.