

DROP AND BLOCK WIRING

STRAND ATTACHMENTS

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1. GENERAL

1.01 This section covers the installation of the C Span Clamp on the cable suspension Strand of both lashed and ring supported cable and also methods of running Drop Wire from the span clamp to the pole.

1.02 This section is reissued to delete reference to reuse of old span clamp on suspension strand of ring supported cable and reuse of B Span Clamp on suspension strand of lashed cable.

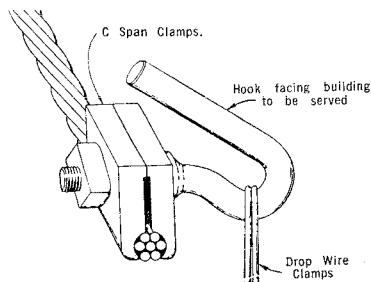
1.03 Span clamps should be used only when it is impractical to string the subscriber's drop directly from a pole. Some of the conditions which will necessitate the use of span clamps are:

- (a) Right of way difficulty in crossing private property.
- (b) Avoidance of trees in placing subscriber drops.
- (c) Where Guard Arms would otherwise be necessary to provide pole climbing space.
- (d) Where a number of attachments to masonry building can be avoided.
- (e) To avoid interference from clothes lines and other obstructions.

2. PLACING C SPAN CLAMP ON SUSPENSION STRAND OF LASHED AND RING SUPPORTED CABLE

2.01 Loosen the nut of the clamp until the jaws open sufficiently to admit the suspension strand. Place the clamp on the strand in a verti-

C Span Clamp on Strand
(Cable omitted for clarity)



cal position with the hook facing the subscriber's building to be served. Take up on the nut with a Lineman's Wrench or P side Cutting Pliers until the clamp is firmly bolted on the strand. On lashed cables, position the C Span Clamp between adjacent crossings of the Lashing Wire over the top of the strand.

2.02 Where C Span Clamps are placed on 2200 pound strand supporting lashed or ring-supported block cable, it will be necessary to place a serving of 45 Mil C Steel Lashing Wire on the strand before installing the clamp. The wraps should be spaced about $\frac{1}{4}$ inch apart and cover about a 3-inch length of strand. After the clamp is bolted on the wire wrapped strand, break off the excess length of wire serving falling outside the ends of the clamp. On lashed block cable, protect the cable sheath under the clamp with 3 wrappings of Lashed Cable Support as shown in Para. 3.03 in connection with the use of C Span Clamps.

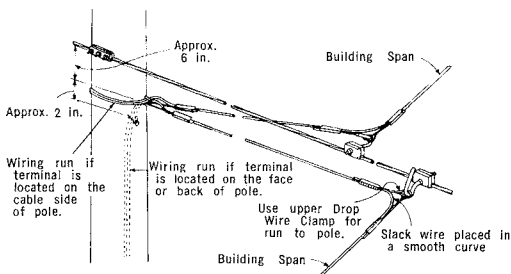
3. RUNNING DROP WIRE FROM C SPAN CLAMP TO POLE

3.01 Place not more than two (2) drop wires between the C Span Clamp and the pole or guard arm attachment.

3.02 Where the distance between C Span Clamp and Cable Suspension Bolt is over three (3) feet, support the drop wire run as indicated below. Use the uppermost Drop Wire Clamp on the hook of the C Span Clamp to support the drop wire span to the pole in order to obtain maximum separation between drop wire and cable.

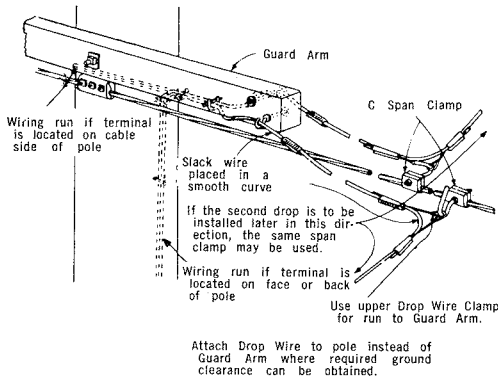
(a) *On Spans to Drive Hooks on Pole*

**Spans To Drive Hooks
(Cable omitted for clarity)**



(b) *On Spans to Guard Arm on Pole*

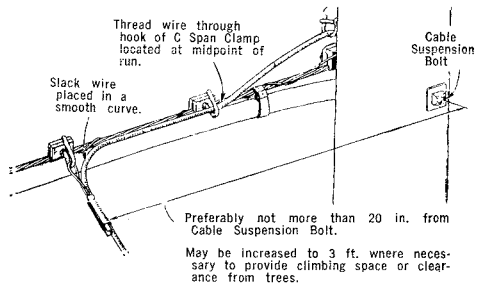
**Spans To Guard Arm
(Cable omitted for Clarity)**



3.03 Where the distance between C Span Clamp and cable suspension bolt is three (3) feet or less, support the drop wire span as indicated below.

(a) *With Lashed Cable*

**C Span Clamp Within Three Feet of
Cable Suspension Bolt
(Lashed Cable)**



(b) *With Ring Supported Cable*

**C Span Clamp Within Three Feet of
Cable Suspension Bolt
(Ring Supported Cable)**

