

CORNER CABLE GUIDE

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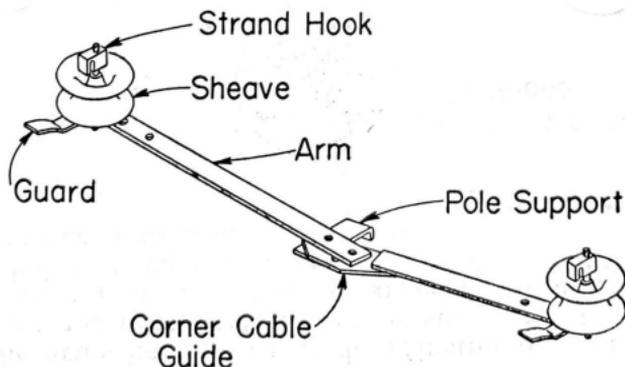
1. GENERAL

1.01 This section covers the Corner Cable Guide and its use when placing aerial cable in rings, or in temporary supports preparatory to lashing.

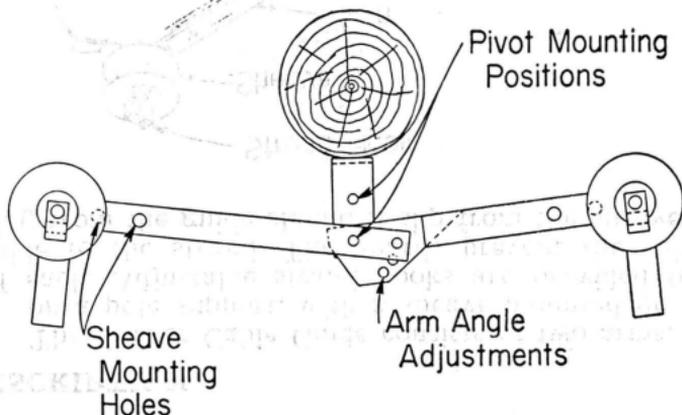
1.02 The guide is used during placing operations to hold the cable away from the pole at corners where the pull is toward the pole. It is used instead of a rope mat when placing alpeith and stalpeith sheath cables and may also be used with lead sheath cables.

2. DESCRIPTION

2.01 The Corner Cable Guide consists of two arms, pivoting on a pole support, with a sheave mounted on the free end of each. Adjustable strand hooks are provided to attach the guide to the strand. The guards prevent the cable from dropping from the guide should it slip from the sheaves.



2.02 The arms have three angle adjustments and two pivot mounting positions on the pole support to accommodate varying corner pulls and pole clearances. In addition, three mounting holes on each arm permit the sheaves to be moved to fit the corner conditions.



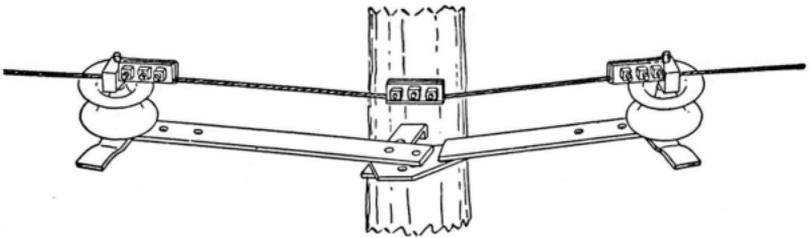
3. USE

3.01 Before mounting, inspect the guide for broken welds, bends, cracked or nicked sheaves or any other defects which may damage the cable or affect the operation. The sheaves should turn freely on the spindles and should be lubricated when required with a light engine oil placed on the spindle above the sheave.

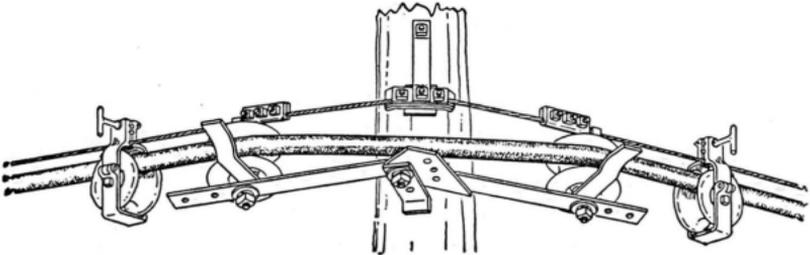
3.02 To mount the guide, proceed as follows:

- (1) Loosen the nut at the pivot point and align the arms with the approximate angle of the strand.
- (2) Mount the guide by placing the strand hooks over the strand with the openings away from the pole.
- (3) Make any additional adjustments to the angle of the arms, the sheave positions on the arms or the position of the arms on the pole support to align the guide as nearly as practicable with the strand so that the cable will rest in the desired position.
- (4) Place a one-sheath cable block on the strand about one foot from each sheave. If the guide sheaves do not align vertically with the one-sheave blocks, remove the guide and turn the strand hooks until the proper alignment is obtained.

- (5) Place a pulling line through the blocks and over the guide sheaves. Pull the line taut to check the adjustment of the guide.
- (6) Place a three-bolt clamp on the strand inside of the strand hooks as indicated in the following figure.



3.03 As the cable end passes the corner pole, observe the guide for proper operation. The cable should pass smoothly over the sheaves and clear the pole by a safe margin.



3.04 In lashed cable construction, leave the guide in position until the lasher has passed the pole. Remove the guide by removing the three-bolt clamps and lifting the tool until the hooks disengage from the strand.

3.05 Complete the operations by supporting the cable adjacent to the pole in accordance with standard practices for the method of construction being employed.