OPEN WIRE

POSITIONS OF WIRES ON CROSSARMS AND WOOD BRACKETS

1. GENERAL

1.01 This practice covers the assignment of wire positions on crossarms and wood brackets.

1.02 Detail work plans will generally be furnished to the construction forces before any work operations are begun. These plans will show the types of circuits to be placed, the designated wire positions, the type and points of transpositions, and the kind and size of wire to use. If such plans are not available, consult your supervisor.

2. WIRE POSITIONS ON CROSSARMS

2.01 Pin positions on a crossarm are numbered from left to right, with your back to the central office, or facing the ascending pole numbers, or in the direction determined for that line.

2.02 When tying or retying wires at straight line poles, attach them to insulators as shown in the following illustrations. In the case of type B crossarms, wire positions are the same as those illustrated except the pole pair wires are placed on the pole side of the insulators.

2.03 Figure 1 shows placement where wire is not point transposed.

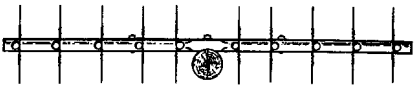

Figure 1. Type "A" Crossarm: Wires Not Transposed.

2.04 Figure 2 shows placement at corners.

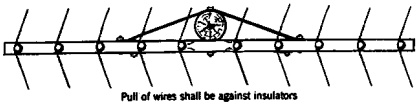

Figure 2. Type "A" Crossarm: Wire Placement at Corner.

3. WIRE POSITIONS ON WOOD BRACKETS

3.01 On bracket lines, place the wires on the side of the insulators toward the pole. If insulators are on the outside of a corner, tie the wires so they will pull against the insulators (Figure 3).

3.02 At some corners it may be necessary to place two wooden pole brackets so the line will clear the pole. When this is done, place the wires as shown in Figure 4.

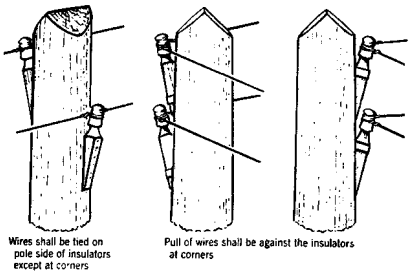

Figure 3. Placement of Wires on Bracket-Mounted Insulators.

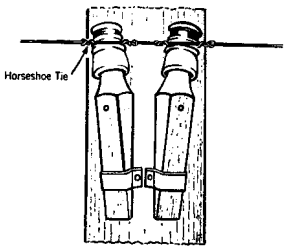

Figure 4. Placement of Wires on Adjacent Insulators.