

CABLE SPLICING—UNDERGROUND

CENTRAL OFFICE CUTOVERS

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1. GENERAL

1.01 This section covers a method of making cutovers involving the transfer of working subscriber lines into new offices by cutting off the cables in the cable vault of the old office.

2. PREPARATION—PRIOR TO CUTOVER DATE

2.01 In the old office, lower the cables from the racks and support them 12 to 18 inches above the floor.

2.02 Mark off the cables to be cut in groups of two, three or four with the groups spaced approximately three feet apart. Position the cables of each group so that one cable is about six inches above the other. Then remove 18 inches of sheath from each cable, locating the openings so they overlap about six inches.

2.03 Serve each butt with a tight wrapping of one inch cotton tape extended about one inch over the core. Remove the core wrapping paper to the cotton tape wrap.

2.04 Make a positive identification of each cable by picking a pair in the outside, middle and center of the core and identifying it at the M.D.F. Then place a tag on the street side of each cable showing cable number and pair count.

2.05 Remove any unit binding strings and boil out the core with paraffin.

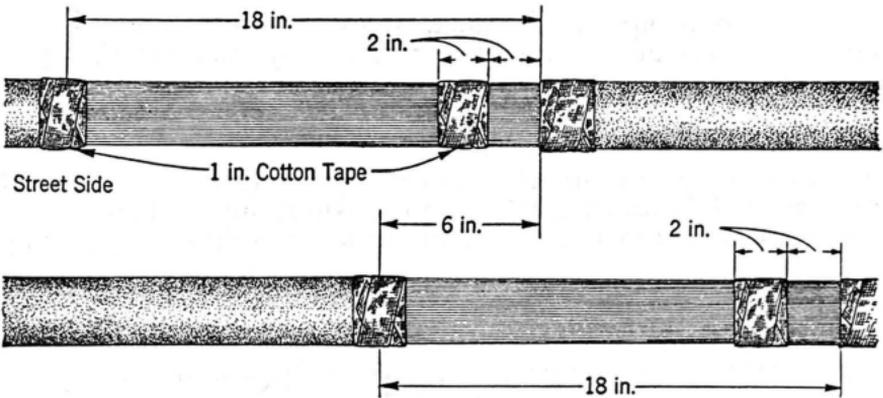
2.06 Apply one half-lapped layer of muslin over the core. Protect the opening with a CR Tape envelope sufficiently large that it can be reused, as outlined in G50.669.2.

3. PREPARTION—NIGHT OF CUTOVER

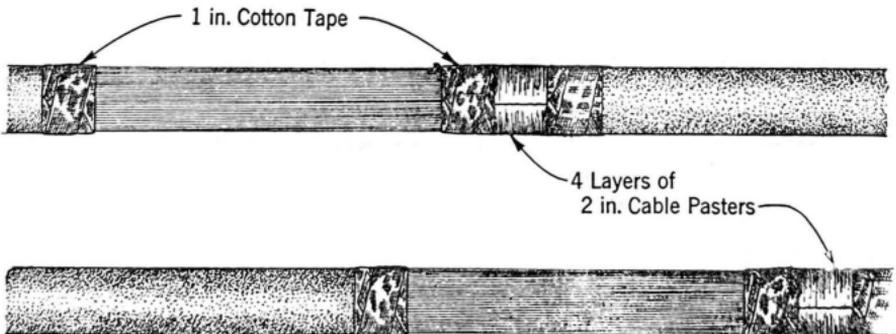
3.01 Place canvas blankets on the floor and also behind each cable to be cut to provide good footing and to provide insulation from other cable sheaths during the cutting operation.

3.02 Turn back the CR Tape covering over the sheath on the street side of the opening and remove the muslin wrapping.

3.03 Apply a tight wrapping of one inch cotton tape about two inches wide, located as illustrated below:



3.04 Place four layers of cable pasters as illustrated below:



3.05 Set cable cutters in position, at right angles to the cable and centered on the cable paster. The cable cutter used for this purpose must be in good condition, without nicks in the cutting edge, and should be freshly sharpened and honed with a fine sharpening stone to ensure a clean cut of the pairs.

4. AT CUTOVER

- 4.01 At the given signal cut the cables one at a time, one man being assigned to each group of cables.
- 4.02 Slide the cable paster and tight wrapping of one inch cotton tape from the street side of the cable. Then bend the core on the street side toward the floor to fan out the wires and inspect the wires for possible crosses.
- 4.03 Replace the CR Tape covering over the conductors, leaving the wires fanned out as much as possible.