

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G52.105.1
Issue 1, March, 1953
AT&T Co Standard

AERIAL CABLE PLACING

GENERAL

Contents	Page
1. General	1
2. Spotting Cable Reels	1
3. Blocking Cable Reels	2
4. Lighting Reels at Night	3

1. GENERAL

1.01 Sections G52.105.1 to G52.105.5, inclusive, cover the methods to be followed and the equipment to be used in placing aerial cable, except where cable is placed by the direct lashing or prelashing methods. This section provides general information on aerial cable placing.

1.02 Detail plans showing the proposed work are generally furnished to the construction forces. The plans show the proposed cable run, location of splices at changes in cable size or gauge, loading coil cases, terminals and any special instructions.

1.03 Clearance and separation requirements and precautions applying to the construction and maintenance of aerial cable plant are covered in the G10 group of sections.

1.04 Trees should be avoided if practicable, as they interfere with placing cable and are a source of future cable trouble. When they cannot be avoided, the trees should be trimmed prior to placing the cable in order to secure satisfactory clearances.

2. SPOTTING CABLE REELS

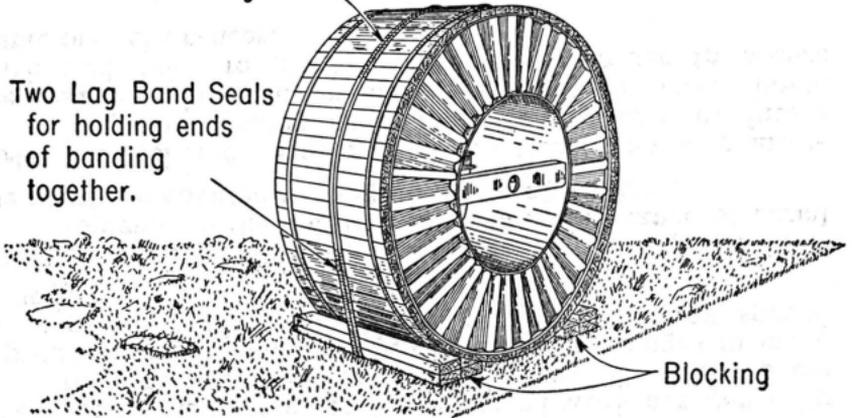
2.01 Cable reels shall be kept off the traveled portion of roads and highways. In some cases this may require placing reels on side streets. Reels should be located so as not to obstruct the view of drivers, particularly at street and highway intersections. However, reels should be so located that any maneuvering prior to setting up and placing is kept to a minimum.

3. BLOCKING CABLE REELS

3.01 Cable reels shall be securely blocked to prevent rolling as shown in the following illustration.

To prevent unauthorized removal of blocking, place 2 or 3 turns of Nailless Lag Banding or equivalent around reel and blocking.

Two Lag Band Seals for holding ends of banding together.

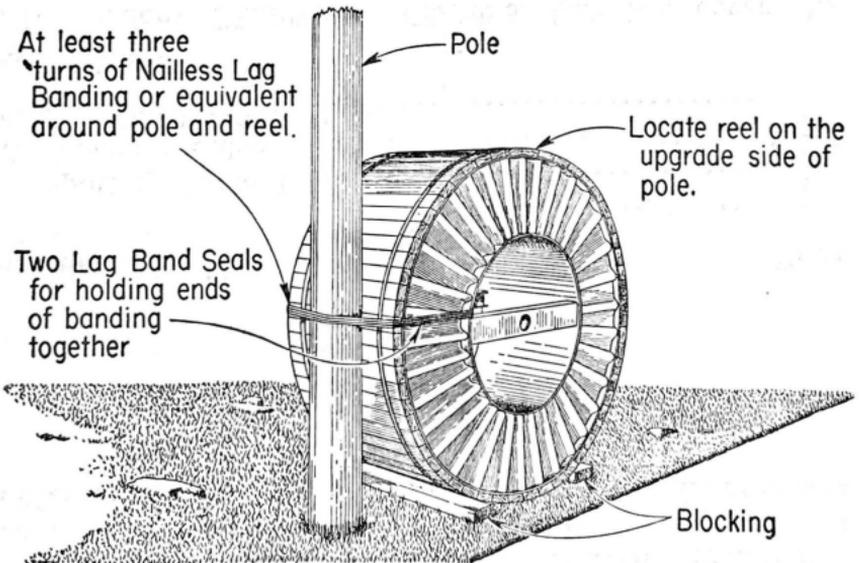


Blocking

3.02 Do not leave reels on a grade, if it can be avoided. When necessary to do so, block the reel firmly and secure it to a pole, as shown in the following figures.

At least three turns of Nailless Lag Banding or equivalent around pole and reel.

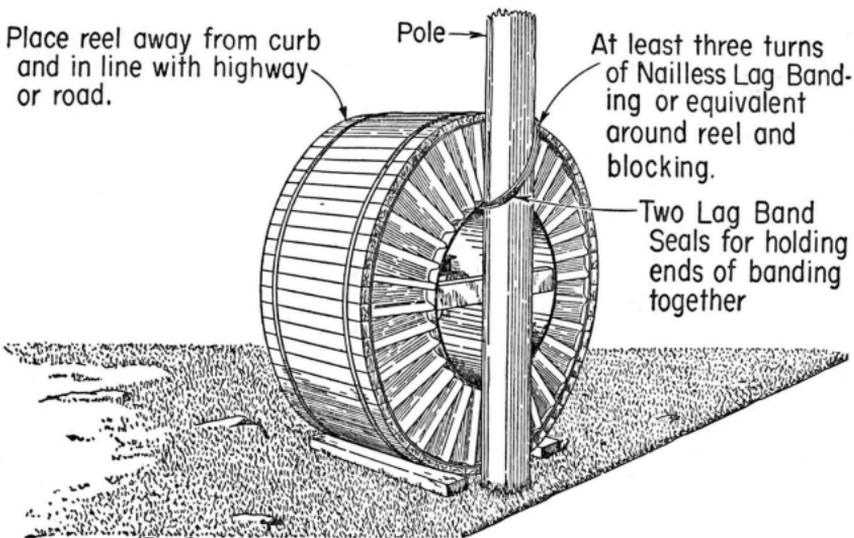
Two Lag Band Seals for holding ends of banding together



Pole

Locate reel on the upgrade side of pole.

Blocking



3.03 This arrangement can also be used for level ground conditions when it is desired to secure a reel of cable to a pole.

4. LIGHTING REELS AT NIGHT

4.01 Cable reels left on streets or highways overnight shall be marked in accordance with local regulations. Otherwise, attach red lanterns lighted not later than 1/2 hour before sunset.