

**BELL SYSTEM PRACTICES**  
**Outside Plant Construction**  
**and Maintenance**

**ADDENDUM G31.130.1**  
**Issue 1, June, 1957**  
**AT&TCo Standard**

## **OPEN WIRE DEAD-ENDING**

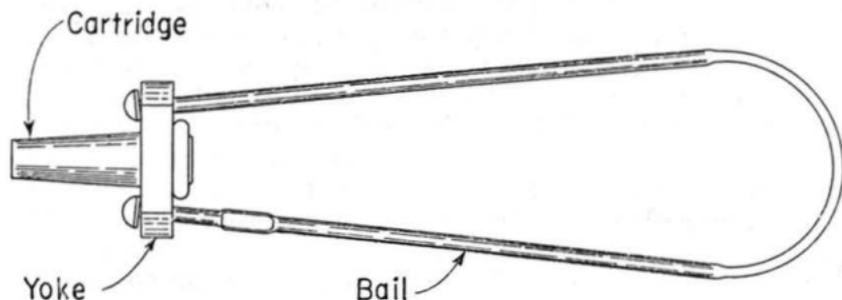
This addendum is issued to include in Paragraphs 2.02, 5.01, 5.02, 5.03 and 5.04 the installation of the 109 Wirevise for dead-ending all grades of 109 steel line wire and 134H Steel Line Wire.

### **2. MATERIALS**

2.02 The 109 Wirevise is used to dead-end 109, 109H, and 109E Steel Line Wire. It is also used to dead-end 134H Steel Line Wire by extending the 134H wire with a piece of 109E Steel Line Wire joined by a 134H x 109H Combination S Steel Sleeve.

### **5. DEAD-ENDS USING WIREVISE**

5.01 The Wirevise consists of a cartridge, a yoke, and a bail. The cartridge contains a spring-loaded two-jaw chuck which grips the wire. It cannot be reused.

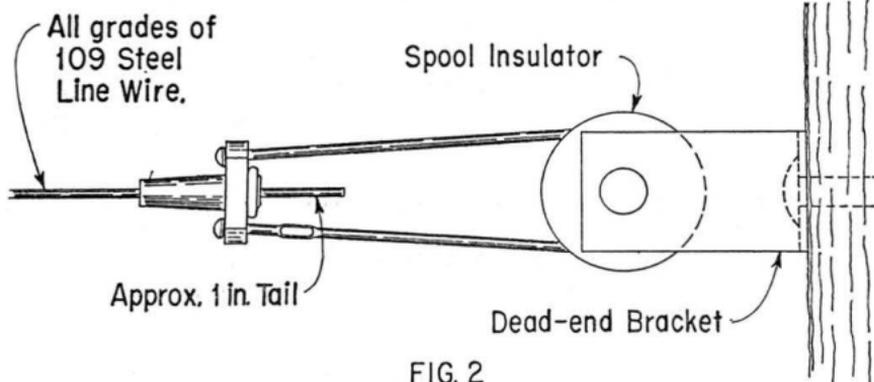


**WIREVISE  
FIG. 1**

5.02 The Wirevise should not be used in seacoast locations where extreme conditions of salt spray and salt fog may be encountered.

5.03 The Wirevise is installed as follows:

- (1) Remove the tape wrapping from the cartridge and yoke.
- (2) Remove the bail from the yoke by pressing it slightly and pushing it forward until the flat section slips through the slot in the yoke.
- (3) Pass the bail around the spool insulator of the dead-end bracket, then force the flat section of the bail through the slot in the yoke and pull the yoke forward until the ends of the bail rest firmly against it.
- (4) Pull the wire to proper tension and cut it so that 1 inch will extend beyond the rear end of the cartridge.
- (5) Insert the end of the wire in the small end of the cartridge and push it through until all the slack is taken up.
- (6) Apply tension to the Wirevise by slowly releasing the slack blocks or wire puller.



5.04 The 109 Wirevise is installed to dead-end 134H Steel Line Wire as follows:

- (1) Place the 109 Wirevise as explained in Paragraph 5.03 (1) through (3).
- (2) Pull the 134H wire to proper tension and cut it about 14 inches from the small end of the cartridge of the 109 Wirevise.

- (3) Join a piece of 109E Steel Line Wire to the end of the 134H wire with a 134H x 109H Combination S Steel Sleeve.
- (4) Cut the 109E wire to the proper length and insert the end of the wire in the small end of the cartridge. Push it through until all the slack is taken up. About 1 inch should extend beyond the cartridge, and there should be about 12 inches between the cartridge and the 134H x 109H sleeve.
- (5) Apply tension to the 109 Wirewise by slowly releasing the slack blocks or wire puller.

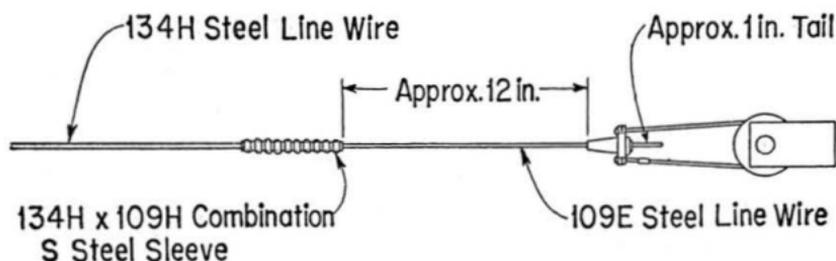


FIG. 3