

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

**SECTION G22.125.2**  
**Issue 1, October, 1949**  
**AT&T Co Standard**

**WOODEN POLE BRACKETS**  
**STRAIGHT SECTIONS OF LINE**

<b>Contents</b>	<b>Page</b>
1. General .....	1
2. Brackets on Poles That Will Not Support Crossarms .....	1
3. Brackets on Poles Supporting Crossarms or That May Later Support Crossarms .....	4
4. Use of Bracket Straps .....	6

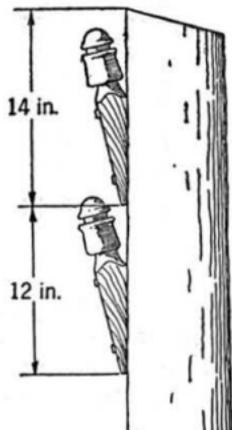
**1. GENERAL**

1.01 This section covers the general use of **B and C Wooden Pole Brackets** when placed on poles in **straight sections of line.**

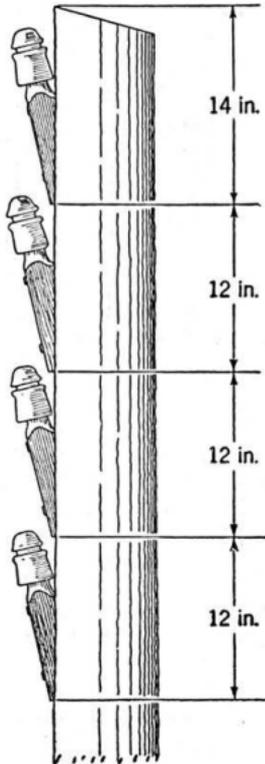
1.02 Except at corners, it is more desirable to place brackets on the road side of the pole to facilitate stringing wire. Construction at corners is covered in another section of the practices.

**2. BRACKETS ON POLES THAT WILL NOT SUPPORT CROSSARMS**

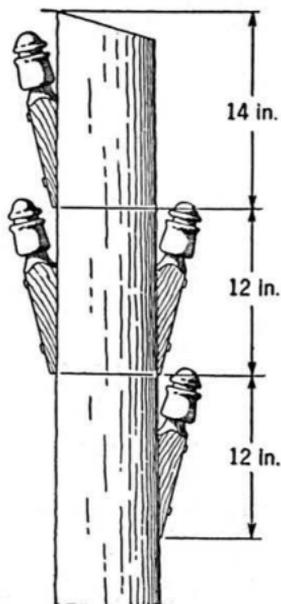
2.01 On poles that will not carry crossarms, place the first pair of brackets on one side of the pole as shown in the following illustration.



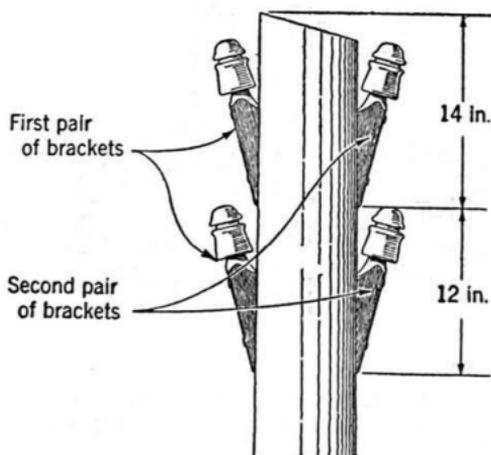
2.02 If a second pair of brackets is required but is not to form a phantom group with the first pair, place the brackets of the second pair on one side of the pole below the first pair as shown below.



2.03 If two bracket circuits are on the same pole and it is necessary to obtain improved clearances, the following arrangement may be used.

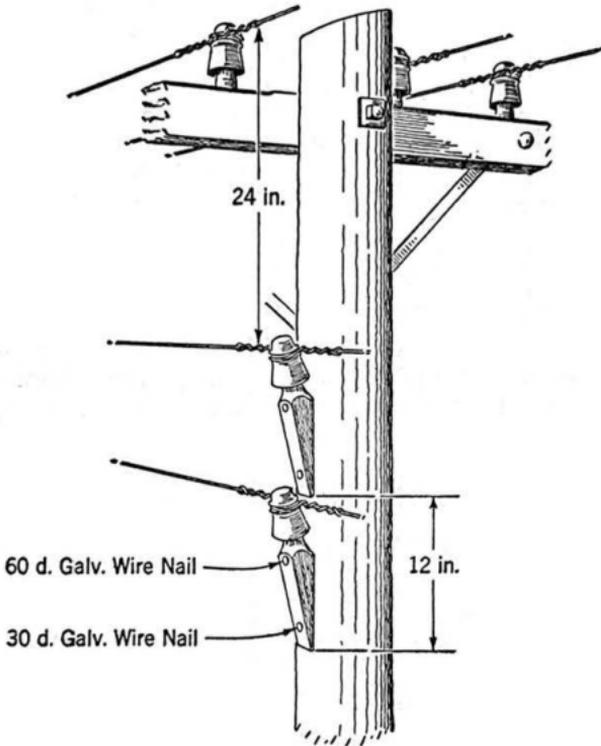


2.04 If a second pair of brackets is to form a phantom group with the first pair, place the second pair opposite the first pair as shown below.



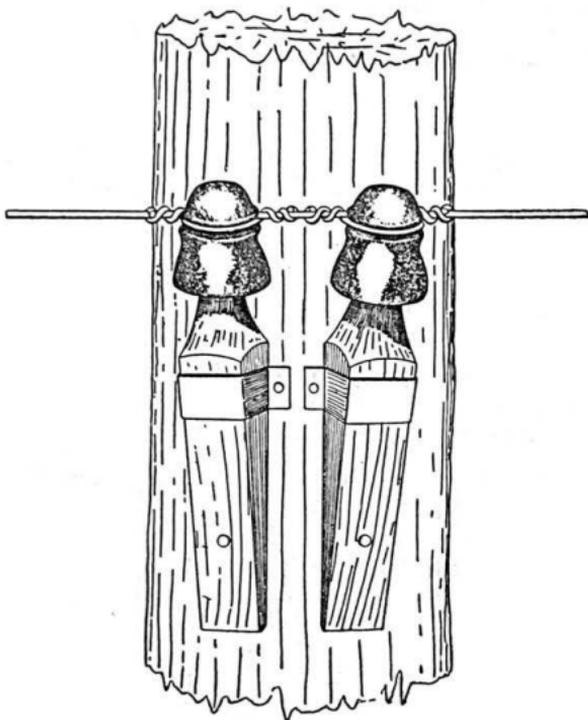
### 3. BRACKETS ON POLES SUPPORTING CROSSARMS OR THAT MAY LATER SUPPORT CROSSARMS

3.01 When brackets are placed on poles that carry or may later carry telephone crossarms, place the brackets as shown below.



#### 4. USE OF BRACKET STRAPS

- 4.01 Place a BU or CU bracket strap on pole brackets adjacent to road crossings when the crossing span is 350 feet or longer.
- 4.02 Place double brackets and BU or CU bracket straps at all railroad crossings as shown below.



- 4.03 Place bracket straps at downward changes of grade in excess of  $1/10$  when the average span length exceeds 350 feet in the Heavy Loading Area.

4.04 Place a BU or CU bracket strap at the upper nail hole of a bracket if additional reinforcement is necessary for the following reasons:

- (a) If, at the point of attachment, the pole is checked or split to a degree that would result in an insecure attachment.
- (b) If previous experience or local conditions indicate the need for reinforcement.

4.05 Place bracket straps as shown below.

