

TANDEM TRANSPOSITION BRACKETS CORNERS

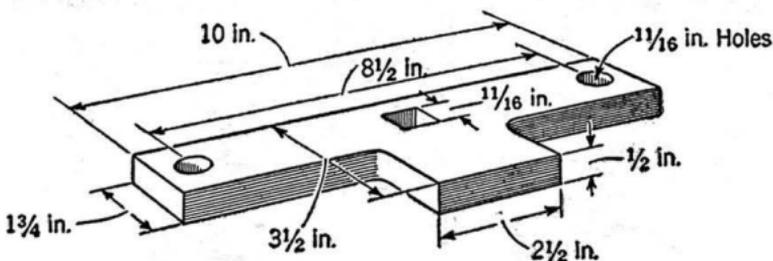
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1. GENERAL

1.01 This section describes the assembly and installation of the **C Tandem Transposition Bracket** and the use of the B, D and C Tandem Transposition Brackets at corners.

2. DESCRIPTION OF THE C TANDEM TRANSPOSITION BRACKET

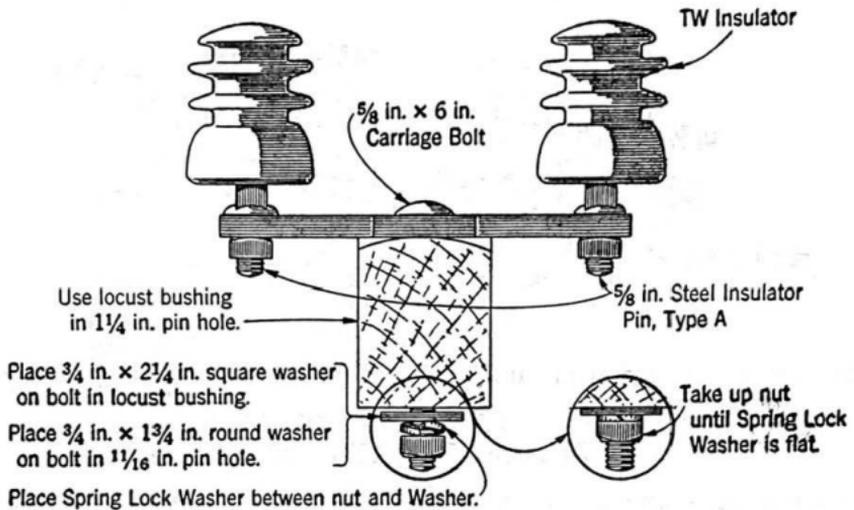
2.01 The C tandem transposition bracket is illustrated below:



C TANDEM TRANSPOSITION BRACKET

3. ASSEMBLY AND INSTALLATION

3.01 Assemble and install the C tandem bracket as illustrated below:



C TANDEM TRANSPOSITION BRACKET

3.02 Install the C tandem bracket with the leg of the bracket pointing to the inside of the corner. Adjust the bracket to its approximate final position and tighten the carriage bolt securing the bracket to the crossarm before the wire is tensioned. Prior to tensioning the wire, place one wire of the circuit in the top groove of one insulator and the other wire in the bottom groove of the other insulator and hold both wires in place with loose ties. After the wire is tensioned, slack blocks may be used to facilitate transposing. After the transposition is complete, loosen the nut of the carriage bolt sufficiently to align the C tandem bracket and equalize the sag in both wires of the circuit. Tighten the nut of the carriage bolt.

4. USE OF B, D AND C TANDEM TRANSPOSITION BRACKETS AT CORNERS

4.01 The use of the B, D and C tandem brackets at corners is shown in the following table:

HEAVY LOADING AREA

Average Span Length	Corner Pull in feet					
	0-10	11-20	21-30	31-40	41-50	Over 50
150-200	B	D	C	C	C	D-A (S)
200-350	D	C	C	D-A	D-A (S)	D-A (S)
350-600	C	C	D-A (S)	D-A (S)	D-A (S)	D-E

MEDIUM LOADING AREA

Average Span Length	Corner Pull in feet					
	0-10	11-20	21-30	31-40	41-50	Over 50
150-350	B	D	C	C	C	D-A (S)
350-600	D	D	D	D-A (S)	D-A (S)	D-A (S)

LIGHT LOADING AREA

Average Span Length	Corner Pull in feet					
	0-10	11-20	21-30	31-40	41-50	Over 50
150-350	B	B	B	B	D	D-A
350-600	B	D	C	C	C	D-A (S)

Notes: B, D or C - Indicates the type of Tandem Transposition Bracket,

D-A - Indicates double crossarm, wooden insulator pins,

D-A (S) - Indicates double crossarm, wooden insulator pins for non-transposed circuits and steel pins for transposed circuits. (See Paragraph 4.02)

D-E - Indicates dead-end.

Use a Hubbard steel pin in the Heavy Loading Area when transposing on a TW insulator and the corner pull is 30 feet or more.

4.02 The use of Hubbard steel pins at corner transpositions is indicated in Paragraph 4.01. The steel pins are installed in the following manner :

