

OPEN WIRE TRANSPPOSITIONS

| Contents | Page |
|--|------|
| General | 1 |
| Use of Mid-Span Transpositions | 1 |
| Make-Up of Mid-Span Transpositions | 1 |
| Placing Mid-Span Transpositions | 2 |

GENERAL

This addendum covers the installation of mid-span transpositions.

5. USE OF MID-SPAN TRANSPPOSITIONS

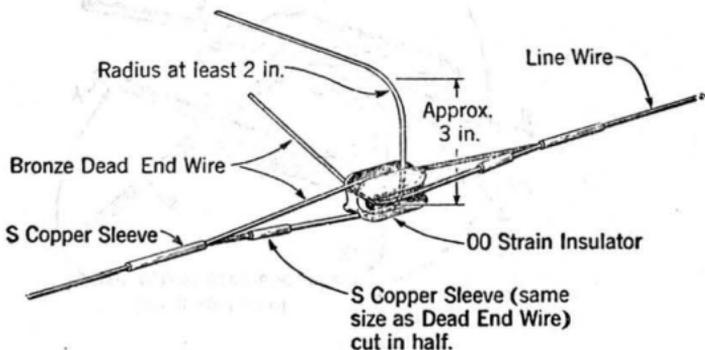
5.01 Mid-span transpositions are used for making physical transpositions where it is impracticable or uneconomical to locate crossarms at the points where the transpositions are required.

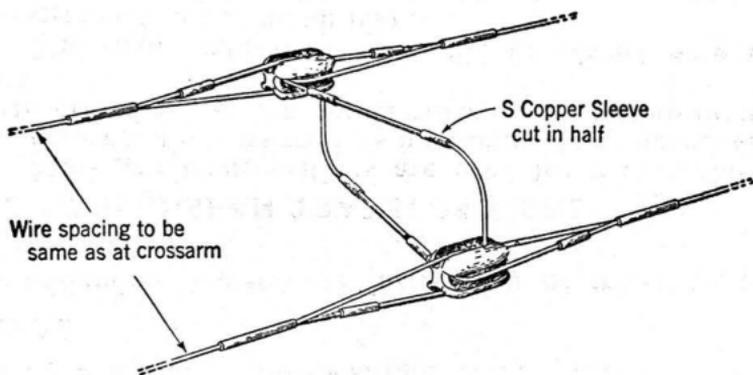
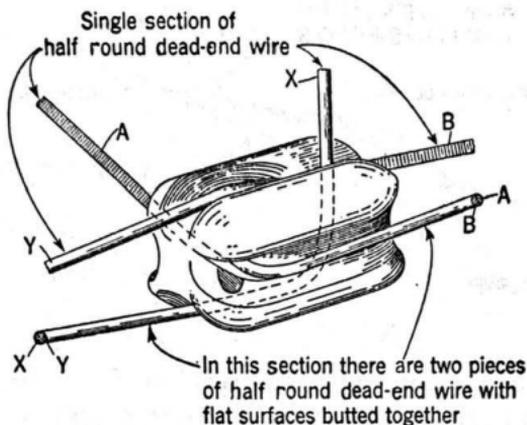
5.02 Mid-span transpositions should be placed only when specified in the detail plans.

5.03 Mid-span transpositions should not be placed in railroad crossing spans, if this can practicably be avoided.

6. MAKE-UP OF MID-SPAN TRANSPPOSITIONS

6.01 Mid-span transpositions shall be made as illustrated.





SIZE OF S SLEEVES AND DEAD END WIRES

| Size of Copper Line Wires | Size of S Copper Sleeves | Size of Bronze Dead End Wires |
|---------------------------|--------------------------|-------------------------------|
| 104 | 128 - 104 Combination | 128 |
| 128 | 165 - 128 Combination | 165 |
| 165 | 165 | 165 |

6.02 After cutting an S sleeve in half it will be necessary to clean the burrs out of the ends where the cut was made. The tang of a file or some other sharp pointed tool may be used for this purpose.

6.03 The parts of the mid-span transposition may be assembled so that the transposition is made either left over right or right over left.

7. PLACING MID-SPAN TRANSPOSITIONS

7.01 The methods used in placing mid-span transpositions will depend principally upon local conditions. Features to be considered in this connection include:

- (a) Making up the transpositions and cutting them into the line wires on the ground.
 - (b) Limiting the length of wire to be pulled in at one time to the particular span or series of spans containing mid-span transpositions.
 - (c) Laying the wire out on the ground alongside the span in which the transposition is to be placed and lifting the wires into place with hand lines.
 - (d) Laying the wire out beside spans ahead or back of that in which the transposition is to be placed and pulling it along the lead into the desired location by means of hand lines.
 - (e) Keeping the line wires even while the transpositions are being pulled into place, so as to avoid bending the Bronze Dead-End Wires connecting the insulators.
- 7.02 Care must be taken to avoid interference with working circuits.