

POLE LINES

PLACING OR REMOVING POLES

NEAR ELECTRIC POWER WIRES

NOTES CONCERNING THIS ADDENDUM

This addendum has been issued to amplify the clearance requirements and precautions to be observed when placing or removing poles near power wires. Information concerning electrical characteristics of typical Higher Voltage Circuits in this Area is included herein.

The following should be marked "See Addendum" and treated as indicated:

- Paragraph 1.04 - replaced
- Paragraph 2.01 (d) - supplemented
- Paragraph 2.01 (g) - replaced
- Paragraph 5.01 - supplemented

1. GENERAL

1.04 Poles which will carry only telephone wire, cables, or other telephone attachments shall be so located that the clearance from power conductors and poles specified in Section G10.301-S will be obtained.

2. GENERAL PRECAUTIONS

2.01(d) Note: Where power service drops cross below the level of existing or proposed telephone plant, the clearance between the pole derrick and the power conductor (as specified in Paragraph 2.01(d) of main section) may be reduced to not less than 1 foot measured radially from the power service drops.

2.01(g) Where an intermediate pole is added (for joint use) between existing poles in a joint line to shorten the span or for other reasons, or where a pole is added between existing power poles for the purpose of making a joint pole crossing, telephone circuits shall not be attached to such pole, nor shall work be done on such pole until after the power circuit attachments have been made. The only exception is that the work on the pole can be completed when it is placed in a present span of 200 feet or less, and the clearance between the power wires and the location on the pole at the level where the telephone plant attachment is to be made, is equal to or greater than specified in Section G10.301-S and it is not likely that the power conductors will come in contact with the pole. If there is any possibility of power conductors coming in contact with the pole after it has been placed the work must be co-ordinated with the power company so that the power attachments are made immediately after the pole has been placed.

5. POLE WORK NEAR POWER WIRES OVER 5,000 VOLTS TO GROUND BUT NOT OVER 15,000 VOLTS TO GROUND

5.01 The following electrical characteristics of typical higher voltage power circuits in this area are being included to show that pole work near power circuits with a nominal rating (conductor to conductor) of 16,500 volts can be done in accordance with the instructions contained in Part 5 of G21.141.1.

Nominal Rating	Voltage Conductor to Conductor	Voltage Conductor to Ground
12,000 Volts	12,000 Volts	6,920 Volts
16,500 "	16,500 "	9,530 "
34,500 "	34,500 "	19,900 "
66,000 "	66,000 "	38,000 "