

AERIAL CABLE

GRADE CLAMPS

NOTES CONCERNING THIS ADDENDUM

This addendum supplements Section G52.120.1 with additional instructions for the placing of grade clamps.

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

- Paragraph 6.13(a) - Added
- Paragraph 6.14 - Added
- Paragraph 6.15 - Added
- Paragraph 6.16 - Added
- Paragraph 6.17 - Added
- Paragraph 6.18 - Added
- Paragraph 6.19 - Added

6. LOCATIONS OF GRADE CLAMPS

- 6.13(a) Where a slack span is constructed between a pole and a building, place a grade clamp in the slack span near the junction pole supporting the main cable. If the slack span is 50 feet or longer place a second grade clamp in the slack span near the building.
- 6.14 If there is a change in direction of a cable which necessitates the placing of a strand pull-off guy, and the pull is more than 5 feet, place a grade clamp on the cable at each side of the pull-off. Locate the clamps 2-1/2 feet from the pull-off point provided that there will be no interference with a splice. Where a clamp would interfere with a splice, place that clamp 7 feet from the pull-off point.

6.15 Where the cable in a straight through run changes in size to the extent that the diameter of the smaller cable is one-half or less the diameter of the large cable, place grade clamps in accordance with the following:

(a) In a Span: Place a grade clamp on the large cable 2-1/2 feet from the near sleeve support.

(b) At a Pole: Place a grade clamp on the large cable 2-1/2 feet from the cable suspension bolt provided there will be no interference with a splice. Where a clamp would interfere with a splice, place that clamp on the large cable 7 feet from the throughbolt.

6.16 Where a grade clamp is required on a cable above a terminal pole seat or balcony, it should be located 7 feet from the pole or suspension bolt.

6.17 In some cases placing a grade clamp 7 feet from a pole or strand crossover would locate the clamp less than 20 inches from the end of a splice sleeve. In such cases the grade clamp should be placed 20 inches beyond the sleeve, even though this might locate it slightly more than 7 feet from the pole or crossover point.

6.18 Where a sleeve must be placed in a position, or an existing sleeve falls in a position that would result in having a wiped joint closer than 12 inches from the cable suspension bolt in the case of small cables or 18 inches for cables over 1-1/2 inches in diameter, grade clamps should be placed on each side of the pole 2-1/2 feet from the suspension bolt. Where a grade clamp 2-1/2 feet from the suspension bolt would interfere with the splice sleeve, place that grade clamp 7 feet from the suspension bolt.

6.19 In some cases the location of grade clamps on existing cables may be at some variance with standard practice due to changes in plant, pole replacements, etc. Where a grade clamp is properly attached, in good mechanical condition, and at a reasonable distance from a pole or splice, it will not be necessary to relocate the clamp except as other conditions may require.