

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G10.310.3
Issue B, July, 1949-N

RAILROAD CROSSINGS

OVERHEAD CROSSINGS

LOADING ASSUMPTIONS

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1. GENERAL

1.01 Three degrees of severity are recognized for the loading due to weather conditions and are designated respectively as heavy, medium and light loading.

2. CALIFORNIA LOADING ASSUMPTIONS

2.01 Heavy loading applies to all parts of the state where the elevation exceeds 3,000 feet above sea level. Light loading applies where the elevation above sea level is 3,000 feet or less. Wire or cable crossing railroads and their supporting structures shall be designed and constructed for heavy or light loading depending upon the elevation of the crossing. The detail plans will indicate where heavy loading construction should be used in a light loading area because of local weather experience.

3. NEVADA LOADING ASSUMPTIONS

3.01 The state has been divided into medium and light loading districts as shown on the map, Appendix A. Wire or cable crossing railroads and their supporting structures shall be designed and constructed for medium or light loading, depending upon the district in which they are located. No heavy loading area is outlined on the map. However, design for heavy loading conditions should be considered in certain areas (generally above 5,000 feet in elevation) where local experience indicates that severe ice accumulations on the wires and high wind velocities are frequent.

APPENDIX A

