(16) foot roadways, and three hundred and fifty (350) feet for eighteen (18) foot roadways. By clear roadway is meant the distance between the innermost portions of the opposite trusses, measured in a direction perpendicular to their planes.

Limit of Clear Headway. — The least allowable clear headway is to be fourteen (14) feet, unless some local consideration cause it to be increased. By clear headway is meant the vertical distance between the upper face of the flooring and the lowest part of the portal or overhead bracing.

Styles of Bridges for Different Spans. — Spans of and below twenty (20) feet are to consist of rolled beams; spans from twenty (20) to forty (40) feet, of riveted plate girders or trussed beams; spans from forty (40) to sixty-five (65) feet, of stiffened pony trusses or stiffened deck bridges, unless the weight of bridge be great enough to admit of the use of eye bars for the bottom chords; and spans above sixty-five (65) feet, of pin-connected through or deck truss bridges.

Limiting Depth of Pony Trusses. — The greatest allowable depth, measured from centre to centre of chords, for pony trusses without exterior side bracing, is to be six (6) feet; and that for pony trusses with exterior side bracing, nine (9) feet. For bridges with sidewalks, in which it is inconvenient to use exterior side braces, the depth may be increased to eight (8) feet, provided that the width of the top chord plate be double the depth of the top chord channels, and that the channels composing the posts and hip verticals be splayed outwardly so as to be separated in the clear at their feet by at least twenty-four (24) inches.

Limiting Slope for Batter Braces of Pony Trusses. — The least allowable slope for batter braces of pony trusses is to be two and a quarter (2¼) horizontal to one (1) vertical.

Side Braces. — The least allowable batter for side braces in pony-truss bridges is to be five (5) inches to the foot, and all side braces are to be made to resist both tension and compression. In no case is a side brace to have less strength than that of a 2½" × 2½" 5-lb. angle-iron.

Limiting Length of Span for Double Intersection Bridges. — The least allowable length of span for double intersection bridges is to be taken from the following table: —