



Bridge Specifications

By International Schools

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1908 Excerpt: . D. In the present case, the smallest-sized roller (3 inches, B. S., Art. 153) gives sufficient resistance to transmit the reaction, as will be shown presently. It is customary to space the rollers about i inch apart for the full length of the pedestal. In the present case, if the end rollers $/, /$ are each placed i inch from the end of the plate $/$, there is just room for nine rollers in the length of the pedestal. The rollers are usually made at least as long as the distance between the outside edges of the base angles g , in this case about 23 inches. Nine rollers at 23 inches gives 207 linear inches of rollers, which, at $600 \times 3 = 1,800$ pounds per linear inch, can support 372,600 pounds. As this is greater than the reaction, these rollers (that is, nine rollers...



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