



## A Manual of Bridge Drafting (Paperback)

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By Charles Herbert Wright

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. 1896 Excerpt: .in stringer and floor beam connections, and often an additional twenty-five or fifty per cent, for hand-driven field rivets. The required pitch of rivets in the flange angles of the floor beam is deter-1itch of rivets mined by the formula, p. 1, or by means of Pl. XIV, Chap. I, as the floor beam is fla Kes of J. floor beams. nothing more than a small plate girder. In the present instance the floor beam shear between the end and stringer is constant and is  $S = 64\,600 \text{ lbs.}$   $f = 3\,940$  for a rivet and plates with unit bearing stress of  $12\,000 \text{ lbs. per sq. in.}$  The depth of the beam between rivet lines is  $d = 45$  . The required pitch can now be determined by substitution in the formula, p. 1,  $fd\,3940 \times 45\,P = \text{---} = 2.74, 64\,600$  or, referring...



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