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Plate-Girder Railway Bridges (Classic Reprint)

By Maurice Fitzmaurice

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Plate-Girder Railway Bridges The great majority of bridges on a line of railway are short-span plate-girder bridges. This book is intended to help those young engineers who, joining an engineers office for the first time, find themselves engaged in this class of work. All complicated calculations have been avoided and the object in view has been to help the student or pupil to design a bridge of this kind efficiently, cheaply, simply, and in accordance with modern practice. The theoretical knowledge required is small, and an attempt has been made not to enlarge on this part of the subject more than absolutely necessary. Practical details with regard to construction and erection, together with particulars of market sizes of plates, c., have been given as far as possible. A chapter has been given to specifications for steel and iron, and to some notes on the treatment of these metals in the manufacture of bridge work, accompanied by some remarks on the working stresses to be adopted in these materials. About the Publisher Forgotten Books publishes hundreds...

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