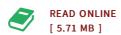




Iron Bridges, Roofs, Buildings, C: Manufactured by the Moseley Iron Building Works, No; 53 Washington Street, Boston (Classic Reprint)

By Unknown Author

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from Iron Bridges, Roofs, Buildings, C: Manufactured by the Moseley Iron Building Works, No; 53 Washington Street, Boston The supporting parts of the Bridge are two Arches, one on each side of the roadway. These Arches are hollow, and are triangular or three-sided; made of wrought plate or boiler iron, by riveting three plates together at their edges. [See Fig. IV. on the diagram, which shows the hollow Arch, with Suspension Bar passing through it.] In no other form can iron be arranged to bear a greater burden than in this. By actual tests, every inch of iron in the cross section of the Arches will bear 15,000 lbs.; but in practice, we provide for a weight of not less than four times the required burden, calculated, moreover, at a pressure of 7,000 lbs. per square inch of section. From foot to foot of each Arch goes the Chord [See Figs. I., II. and V.] This is double, and binds securely the feet of the Arch to each other, so that there is no thrust or...



Reviews

Complete information! Its such a excellent study. It is filled with knowledge and wisdom I realized this publication from my dad and i advised this publication to find out.

-- Geovanny Grimes

A whole new electronic book with an all new perspective. It is one of the most incredible book we have read. Your way of life span will likely be convert when you comprehensive reading this article book.

-- Spencer Fay