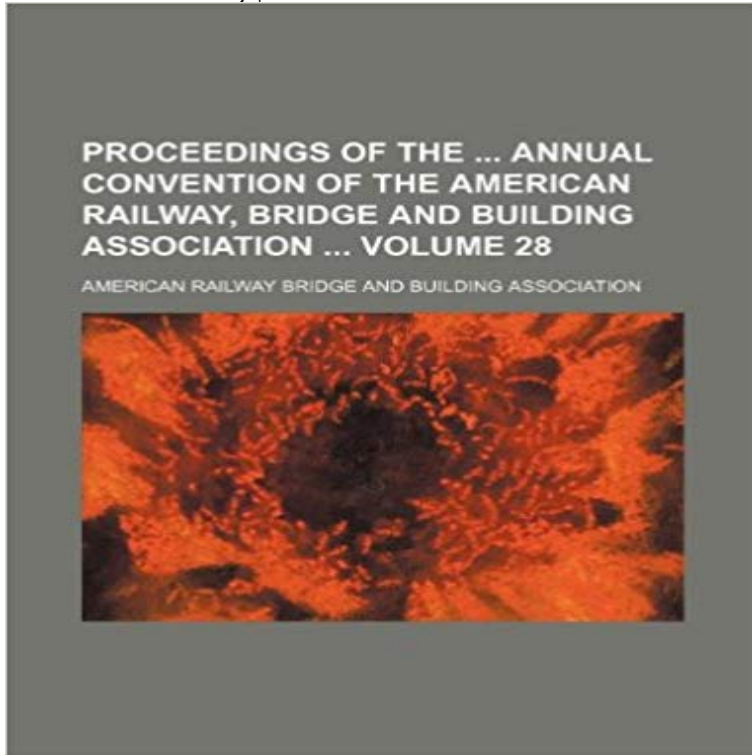


Proceedings of the annual convention of the American Railway, Bridge and Building Association Volume 28



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. 1918 Excerpt: ...in the spacing and length of sections. There are many reasons why the standardization of tank hoops would be advantageous, chief of which is the conservation of steel; not that the standard hoop would require less steel to maintain the required fibre stress on the hoop but that it would allow the manufacturers to carry less stock to fill orders. On a recent visit to the plant of a large tank manufacturer it was found that he had on hand material to supply hoops for perhaps 30 or 40 tanks representing a dozen different hoop standards yet he could not ship two sets that were badly needed until steel was received from the mill to make up the particular type of hoop required. The standardization of tank hoops should have a tendency to lower the cost of manufacture and insure better deliveries and would, no doubt, result in a better and more uniform quality of material. It would appear that there is every reason why tank hoops should be made standard and no good reason why they should not be.

DISCUSSION (Wooden Tanks.) H. von Schrenk:--I dont think this report should be passed without a word of commendation on the work of the author. I think Mr. Knowles ought to be complimented on the very able and exhaustive manner in which he has dealt with the subject. I would like to ask him if he knows of any other road than the Illinois Central which has tried creosoted material for tanks? C. R. Knowles:--I understand the Louisville & Nashville built some a few years ago. The Big Four has built quite a number on steel towers within the last year or so. I think the Illinois Central is the first road to adopt the use of the complete creosoted structure. Our tanks are creosoted from top to

bottom. Question:--Does it affect the water for drinking purposes? C. R. Knowles:-...

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