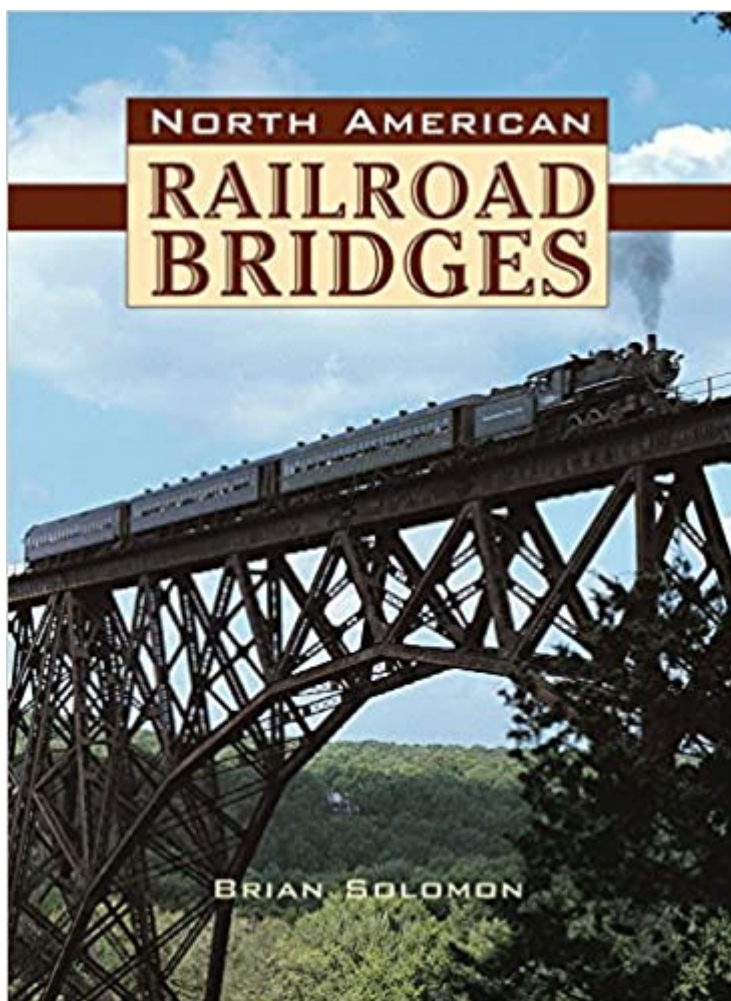


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# North American Railroad Bridges



## Synopsis

From quaint wooden trestles to graceful arched viaducts, railroad bridges are necessary parts of the North American railroading landscape. This photographic history of North American railroad bridges features chapters on major types of construction: viaducts (both stone arches and steel construction), cantilever, suspension, and truss bridges. In addition to explaining the different types of construction and why they are used, author Brian Solomon offers the histories of the origins and construction of structures that are iconic within the railroading community--like Hell Gate in Queens, New York, and the Hill Bridge in Minneapolis--as well as lesser known but railroad bridges. In addition, he also discusses landmarks like the Brooklyn Bridge that no longer conduct rail traffic. The book is illustrated throughout with archival black-and-white photos, as well as modern color photography depicting railroads large and small hauling traffic across bridges throughout the continent.

## Book Information

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## Customer Reviews

Garden Railways, April 2008"The book is beautifully printed on heavy, glossy stock. Photos include historic and contemporary photographs, sometimes of the same structure, as well as early postcard and other views of bridges, both well-known and obscure. Picture reproduction is outstanding. This, coupled with the well-researched and knowledgeably written text, makes the book a valuable addition to anyone's railroad library". --This text refers to an out of print or unavailable edition of this title.

Few railroading scenes are as enduring as those that depict a freight or passenger train traversing river or roadway, creek or canyon, atop a sturdy structure specially engineered for the situation. In this marvelously illustrated work sure to appeal to modelers and railfans alike, prolific rail historian Brian Solomon presents the only completely illustrated book to tackle the development and evolution of North American railroad bridges. Inside, Solomon examines major types of construction—including trusses, trestles, viaducts (both stone arches and steel construction), suspension bridges, and movable spans—as well as many of the men responsible for pioneering them. In addition to explaining in layperson's terms the principles behind each type of construction and why they are used in given situations, Solomon offers histories detailing the origins, construction, and use of iconic structures such as Hell Gate, Starrucca Viaduct, and Suisun Bay Bridge, among others, as well as lesser known but nonetheless important and interesting spans. North American Railroad Bridges is illustrated throughout with landmark patent drawings, period postcards, specially commissioned diagrams, and modern color photography from some of today's top rail photographers, capturing railroads large and small hauling traffic across bridges throughout the United States and Canada.

A good beginning on the subject. A good overall description of the art of railroad bridge design. If the reader has a background in civil engineering this is not the book for you. For lay folks it is a good beginning. I found Solomon's All About Railroad Signaling to have much greater depth about the subject at hand. Not the best Solomon effort. In general Solomon books provide information on specific subjects of railroad information. His books are good background material in the area of Signals, Bridges, Maintenance of way equipment and others.

I am an avid RR history buff and dabble in modeling in n scale.. I'm very particular with what I want and this book answers a lot of questions one would have about bridge design, structure, style etc on every conceivable type of RR bridge used throughout history in the US.

great pictures and text

Railroad Bridges form a big part of the appeal of railroads to many fans. From the old style trestles of the western railroads, to the stone viaducts in the East, the bridge has been a critical component of railroad engineering since the beginning of the railroads. Looking at a railroad bridge, you might

wonder why that particular style of bridge was used. One of my favorite bridges is the Ex-Southern Railroad bridge currently used by the Norfolk Southern over the Savannah River in Augusta, Georgia. It appeals to me because of the construction techniques and also as a relic of old-time engineering. Looking to learn more about railroad bridges in general, I had the chance to read North American Railroad Bridges by Brian Solomon. This great book gives the reader the chance to learn about the variety of bridges that have been used over the past 150+ years in one concise volume. Drawing on his vast collection of pictures, plus a wealth of other resources, Solomon provides a great overview to the reader without burying him in technical details. Modelers will find the book a great resource as they determine which bridges would be correct for their layout. They will also find detailed drawings and pictures of bridge construction to help them build a "prototypical" model.

very recommend . my best friend need it , fast . very patient and helpful. I just love this product I just use it for basic cutting I bought it because I read the reviews and its just what they I just have to go buy a sleeve for it

Superbly illustrated throughout with color photography, "North American Railroad Bridges" by railroad historian Brian Solomon focuses upon railroad bridges and trestles that have been a feature (and often a quite dramatic feature) of the American landscape for the past century. Each particular bridge, whether traversing rivers or roadways, creeks or canyons, were individually engineered for a particular terrain and were of varied construction methodologies including trussells, trestles, viaducts (both stone and steel), suspension, and even with movable spans. The informed and informative text is highlighted with landmark patent drawings, period postcards, as well as modern photography by some of today's best rail photographers. The result is a wealth of information and a book that can be confidently recommended for community libraries in general, and railroad buffs in particular!

A good overview of the many different types of bridge construction. As Soloman states in his intro, this is not a definitive encyclopedia of bridge engineering, but an easily read and understood explanation of the many different types of construction. A good deal of effort has been made to provide photographs (and other images) of the bridges being described--this is one the highlights of this book. My only complaint is that the Rockville Bridge and Lackawanna Viaduct do not have better images of them; but I have my own great photos of them. You could also build model bridges for your scale railroad from the info here. Overall, a good book with lots of good illustrations that is

enjoyable to read.

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