# PRACTICAL TREATISE ON THE CONSTRUCTION OF IRON HIGHWAY BRIDGES: FOR THE USE OF TOWN COMMITTEES

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Practical Treatise on the Construction of Iron Highway Bridges: For the Use of Town Committees by Alfred P. Boller

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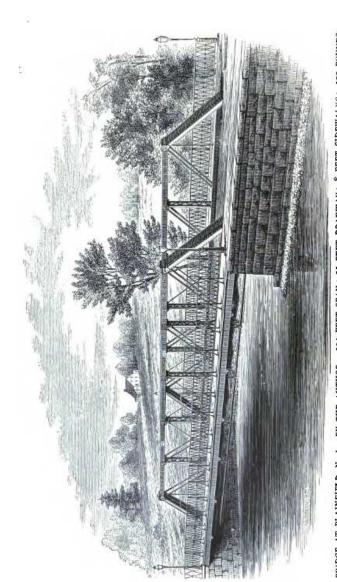
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# **ALFRED P. BOLLER**

# PRACTICAL TREATISE ON THE CONSTRUCTION OF IRON HIGHWAY BRIDGES: FOR THE USE OF TOWN COMMITTEES





BRIDGE AT PLAINFIELD, N. J. BY THE AUTHOR. 104 FEET SPAN; 25 FEET ROADWAY; 8 FEET SIDEWALKS; 100 POUNDS PER SQUARE FOOT; FACTOR OF 5 FOR SAFETY.

# PRACTICAL TREATISE

ON THE

## CONSTRUCTION

# IRON HIGHWAY BRIDGES.

FOR THE

### USE OF TOWN COMMITTEES.

TOGETHER WITH A

SHORT ESSAY UPON THE APPLICATION OF THE PRINCIPLES OF THE LEVER TO A READY ANALYSIS OF THE STRAINS UPON THE MORE CUSTOMARY FORMS OF BEAMS AND TRUSSES.

BY

ALFRED P. BOLLER, A.M.,

MEMBER OF THE AM. SOC. CIV. ENGINEERS,

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# DEDICATION.

TO

TOWN COMMITTEES, SELECTMEN, COUNTY FREEHOLDERS.

ANE

OTHER PUBLIC OFFICERS,

TO WHOM IS INTRUSTED THE RESPONSIBILITY OF ERECTING "IRON BRIDGES," THIS BOOK IS RESPECTFULLY DEDICATED

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THE AUTHOR.

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