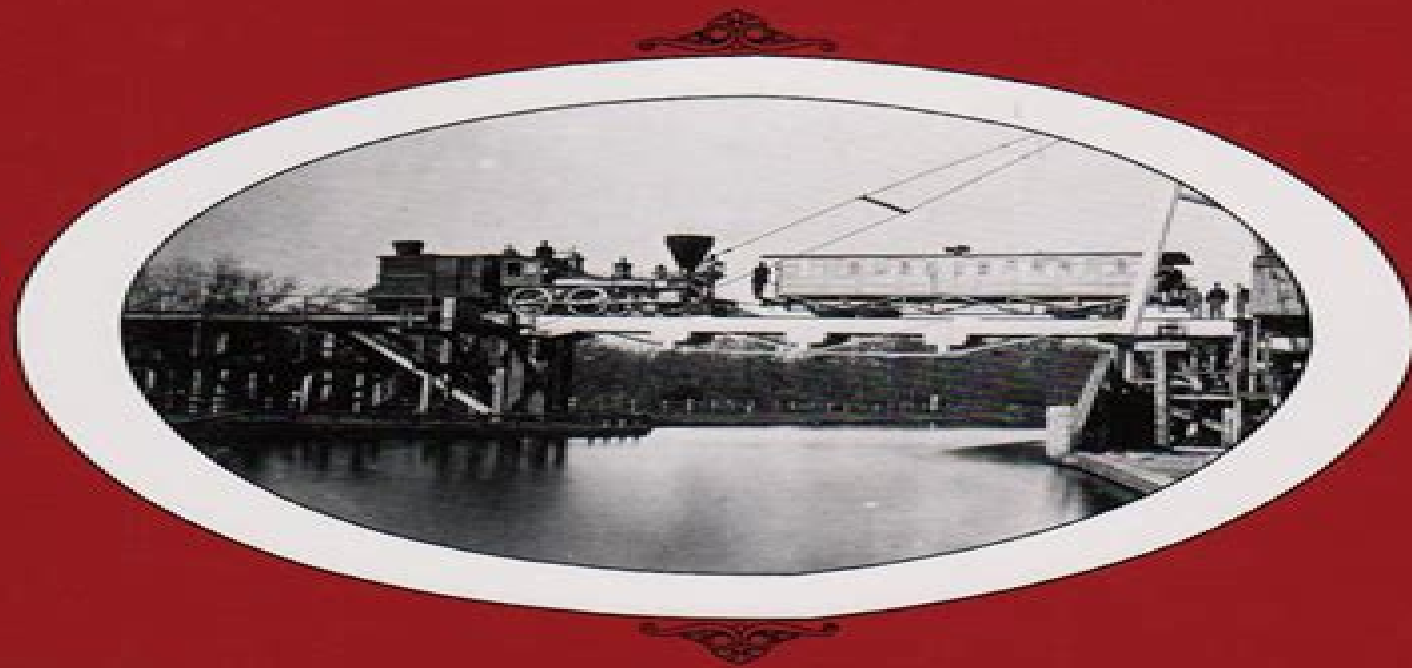


Trains and Technology

The American Railroad
in the Nineteenth Century

Volume 1
Locomotives



Anthony J. Bianculli

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opposing generals and their staffs He also sheds new light on the role of railroads on operations in these landlocked battlegrounds as well as the intelligence gathered and used by both sides Delving deep into the strategic machinations maneuvers and smaller clashes that led to the bloody events of September 19 20 1863 Robertson reveals that the road to Chickamauga was as consequential as the unfolding of the battle itself *Death Rode the Rails* Mark Aldrich,2006-04-10 For most of the 19th and much of the 20th centuries railroads dominated American transportation They transformed life and captured the imagination Yet by 1907 railroads had also become the largest cause of violent death in the country that year claiming the lives of nearly twelve thousand passengers workers and others In *Death Rode the Rails* Mark Aldrich explores the evolution of railroad safety in the United States by examining a variety of incidents spectacular train wrecks smaller accidents in shops and yards that devastated the lives of workers and their families and the deaths of thousands of women and children killed while walking on or crossing the street grade tracks The evolution of railroad safety Aldrich argues involved the interplay of market forces science and technology and legal and public pressures He considers the railroad as a system in its entirety operational realities technical constraints economic history internal politics and labor management Aldrich shows that economics initially encouraged American carriers to build and operate cheap and dangerous lines Only over time did the trade off between safety and output shaped by labor markets and public policy motivate carriers to develop technological improvements that enhanced both productivity and safety A fascinating account of one of America s most important industries and its dangers *Death Rode the Rails* will appeal to scholars of economics and the history of transportation technology labor regulation safety and business as well as to railroad enthusiasts *Trains and Technology: Track and structures* Anthony J. Bianculli,2001 [The Railroad](#) H. Roger Grant,2005-04-30 Railroads altered the landscape of the United States Within a few decades of the invention of the locomotive railways stretched from coast to coast enabling people and goods to travel far greater distances than ever before completely altering our concept of time and space And while railroads may seem like an old technology they continue to be an essential means of transporting both good and people and new technologies are making the railroads an increasingly relevant resource for the 21st century This volume in the Greenwood Technographies series tells the life story of all aspects of railroad technology everything from the structure of the track to communications to what powers the locomotive **Rails Across Dixie** Jim Cox,2010-11-17 Covering legendary and obscure intercity passenger trains in a dozen Southeastern states this book details the golden age of train travel The story begins with the inception of steam locomotives in 1830 in Charleston South Carolina continuing through the mid 1930s changeover to diesel and the debut of Amtrak in 1971 to the present Throughout the book explores the technological achievements the romance and the economic impact of traveling on the tracks Other topics include contemporary museums and excursion trains the development of commuter rails monorails light rails and other intracity transit trains the social impact of train travel and historical rail terminals and facilities The book is supplemented with more than 160 images and 10

appendices A Brief History of the Future of Education Ian Jukes, Ryan L. Schaaf, 2018-12-28 The Future Tense of Teaching in the Digital Age The digital environment has radically changed how and what students need and want to learn but have we radically changed how we deliver education Are educators shifting and adapting or stuck in the traditional That s the Way We ve Always Done It world In this book educators will be challenged to take action and adapt to a split screen classroom thinking and acting to accommodate today s learners versus allowing traditional practices by default Written with a touch of humor and a choose your own adventure approach the authors built chapters to be skimmed scoured or searched for interesting relevant or required material Readers will be able to jump in where it serves them best Consider predictions about what learning will look like in the future Understand and learn to leverage nine core learning attributes of digital generations Discover ten critical roles educators can embrace to remain relevant in the digital age Keep things simple concentrate on how learners learn and change your approach from present to future tense

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