1. Record Nr. UNINA9910153130403321 Autore Styran Roberta McAfee <1927-2015, > Titolo This colossal project: building the Welland Ship Canal, 1913-1932 / / Roberta M. Styran and Robert R. Taylor Montreal, [Quebec Province]: .: McGill-Queen's University Press. , 2016 Pubbl/distr/stampa ©2016 **ISBN** 0-7735-4834-3 0-7735-4833-5 Descrizione fisica 1 online resource (369 pages): illustrations, maps, photographs Disciplina 386.470971338 Soggetti Canals - Design and construction Welland Canal (Ont.) History Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Front Matter -- Contents -- List of Illustrations -- Acknowledgments -- A Canadian Conception -- One of the Very Few Great -- This Colossal Project -- Challenges Facing the Ship Canal's Builders "on the Ground" -- Vision, Skill, and Courage -- Excavating the Prism --Creating the Lifts -- Managing the Water -- Building Bridges -- "Facing their own kaisers at home" -- Ameliorating Disaster and Squalor -- "A settled and established community" -- Parks and Publicity --"Surpassing anything of the kind" -- Some Welland Ship Canal Construction Engineers -- Construction Sections and Contractors --Construction Fatalities -- The Welland By-Pass -- Associations, Commissions, Committees, and Treaties Affecting the Welland Canals -- Martyrs of Progress (Poem) -- Historiographical Essay -- Milestones in the Construction of the Welland Ship Canal, 1913-1932 -- Glossary -- Abbreviations -- Notes -- Bibliography -- Index Sommario/riassunto This Colossal Project presents an absorbing epic on the building of the fourth Welland Canal, which connects Lake Ontario and Lake Erie and allows ships to bypass Niagara Falls. An immense undertaking, the canal is a vital part of North America's infrastructure and still functions

as an essential part of the St Lawrence Seaway. Emphasizing the role that vivid personalities – including engineers John Laing Weller and Alex

Grant as well as contractors and labourers – played in the construction of the canal, Roberta Styran and Robert Taylor use archival sources, government documents, newspapers, maps, and original plans to describe a saga of technological, financial, geographical, and social obstacles met and overcome in an accomplishment akin to the building of the Canadian Pacific Railway. A story of Canadian skill, courage, vision, and hardship, This Colossal Project details the twenty-year excavation of the giant channel and the creation of huge concrete locks amidst war, the Great Depression, political change, and labour unrest. Building on the work presented in Styran and Taylor's This Great National Object, which told the story of the first three Welland canals built in the nineteenth century, This Colossal Project chronicles an impressive milestone in the history of Canadian technological achievement and nation building.