



Richard S. Lanyi, P.Eng., FCSCE

President, Senior Railway Engineer

LANYI RAIL SOLUTIONS LTD

Richard has over 42 years of experience in the railway industry. He provides senior technical advisory services related to railway engineering and operational matters. Richard's experience ranges from rail line route studies to freight and passenger rail corridor expansion projects, and from rail yards and terminals to ports and other transloading facilities. He has successfully managed large multi-discipline railway projects involving planning, design, material procurement, and construction and project management. Richard is a career "Railroader" who has held senior technical and managerial positions for two North American Class 1 Railways (CN Rail and CP Rail) as well as Stantec's Rail Sector Lead responsible for business and resource development, project leadership and management, and senior technical advisory services.

Richard specializes in the development of rail yard/terminal and linear rail corridor projects. His wealth of development experience and extensive network of Railway Specialists bring a large body of experience and relevant "lessons learned" knowledge. These lessons are based on a "quadruple bottom line" approach involving technical excellence, operational functionality, feasible economics, and social and environmental acceptance. Richard focuses on understanding operational requirements, both locally and network wide, prior to delving into the engineering aspects of a project, where form must follow function.

Richard's "hands on" experience covers all aspects of railway engineering and operations. He is a trusted advisor to his railway clients and understands the importance of safety and the need to plan and execute the work with minimal disruption to train service. Richard has a proven track record of leadership ability and a reputation as a "driver" who is results oriented. He has managed and delivered infrastructure projects as an owner, as well as a consultant, this includes alternative project delivery methods.

Richard has been a member of AREMA for over 30 years and was a founding member of AREMA Committee 10 Bridge Inspection and Maintenance. He is currently a member of Committee 16 Economics of Railway Engineering and Operations and chairs a Subcommittee on Railway Operations. Richard is a Fellow of the Canadian Society for Civil Engineering and a former member of their Board of Directors.

QUALIFICATIONS

Diploma in Pure & Applied Sciences, John Abbott College (CEGEP), Montreal, Quebec, 1978

Bachelor of Science in Civil Engineering (Co-op Program), University of Waterloo, Waterloo, Ontario, 1982

Professional Engineer #25484, Engineers & Geoscientists British Columbia

Professional Engineer #24208, Association of Professional Engineers and Geoscientists of Saskatchewan

Professional Engineer #100166054, Professional Engineers Ontario

Registered Member #38561, Association of Professional Engineers and Geoscientists of Alberta

MEMBERSHIPS

Member, American Railway Engineering and Maintenance-of-Way Association (AREMA)

Member, AREMA Committee 16 – Economics of Railway Engineering and Operations; Chair of Railway Operations Subcommittee

Fellow, Canadian Society for Civil Engineering

EMPLOYMENT HISTORY

Lanyi Rail Solutions Ltd. – 2020 to Present

Stantec Consulting Ltd. – 2008 to 2020

CN Rail – 2001 to 2008

Associated Engineering – 1999 to 2001

CP Rail – 1996 to 1999

Reid Crowther & Partners Ltd. – 1983 to 1996

Monenco – 1981 to 1982

CP Rail – 1979 to 1980