



URBAN RAIL CONSULTING & STRATEGY INC.



Tom Fodor is an engineer with 44 years of experience in the field of transit system engineering, specializing in operations and maintenance analysis and planning as well as integration and interface management regarding all aspects of system and subsystem design and performance including signaling, vehicle, power, civil/E&M, communications, trackwork alignment and depot design.

Tom's tenure includes 18 years as an Operations Analyst, 10 years as an Engineering Manager, 8 years serving as an Operations & Maintenance (O&M) Specialist for Bombardier Transportation, 7 years in the same role for Parsons, and 1 year as a Transit O&M Specialist with HDR Inc.

THOMAS FODOR Principal Associate

Born in Toronto, Ontario, Canada, Tom is a highly motivated and dedicated engineer with 40+-years of mass transit experience. Personable and a good communicator and listener, Tom engages effectively across all levels of organization, from board-level discussions to shop floor dialogue in technical matters.

EDUCATION

- BaSc Industrial Engineering 1976 - University of Toronto
- Languages: English, Hungarian

EXPERIENCE

Total Transit Systems: Tom has worked on over 250 proposals throughout his career, and has personally been involved in the development and implementation of over 10 major rapid transit projects involving steel wheel metros, inter-city 25 kVA high speed rail, rubber tire and steel wheel APMs, GoA4 systems, monorails and LRVs.

CORE SPECIALTIES

- Operations and Maintenance: travel time, fleet sizing, operations plans, CBTC (ATO, ATP, ATS) requirements, maintenance plans, staffing plans, mobilization plans, training plans, depot and shop floor design, workshop equipment specifications, station rooms and space requirements, development of PSOS and O&M contracts
 - Systems: design and integration issues related to vehicle, CBTC, PSDS, TVS, fare collection, traction power (e.g. sectionalization) and other subsystem designs.
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