

TRANSPORTATION

Since inception, transportation has been a core business sector of our company. PBX specializes in the planning, design, and construction of transportation projects, ranging from small roadway improvements to major, long-term programs. Our track record in this area is extensive. We support the movement of people and products through the design and implementation of effective transportation infrastructure systems.

Our technical expertise includes:

- » **Traffic Signals**
- » **On and Off-Roadway Lighting**
- » **Traffic Engineering, Signal Coordination, and Timing Plans**
- » **Vehicle Counting and Classification Systems**
- » **Transit Priority Systems**
- » **Complete Streets**
- » **Pedestrian & Cyclist Facilities**
- » **Traffic Management Systems**
- » **Emergency Pre-emption Systems**
- » **Reversible Lane Control Systems**
- » **Dynamic Message Sign Systems**
- » **Video Management Systems**
- » **Advanced Traveler Information Systems (ATIS)**
- » **Advanced Transportation Management Systems (ATMS)**
- » **Bridge and Tunnel Electrical Systems**
- » **Mobile Applications and Custom Software Solutions**
- » **Weigh-In-Motion Systems**
- » **Rail Crossing Information Systems**
- » **Guide and Wayfinding Signage**
- » **Technology Assessment and Pilot Projects**
- » **Avalanche Detection and Warning**
- » **Wildlife Detection and Warning**

Our application areas include:

- » **Federal and Provincial Highway Infrastructure**
- » **Municipal Roadway Infrastructure**
- » **Bridges and Tunnels**
- » **Intelligent Transportation Systems**
- » **Operations Centres**
- » **Public Transit Systems**

AUTOMATION

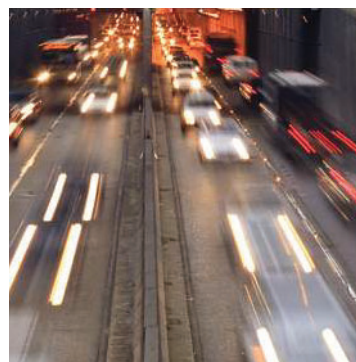
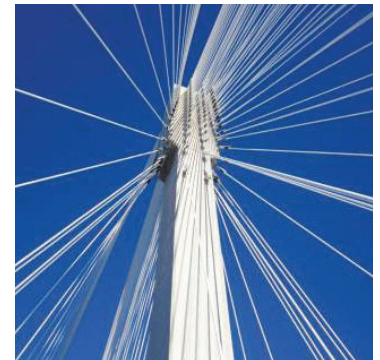
BUILDINGS

INDUSTRIAL

INTEGRATED SECURITY

MUNICIPAL UTILITIES

TRANSPORTATION



For additional information, please visit our website:

www.pbxeng.com

PBX ENGINEERING

PBX Engineering Ltd. is a professional consulting firm specializing in electrical and systems engineering with deep technical expertise across a number of core service areas. Since 1997, we have delivered a complete range of design and deployment services for infrastructure projects across North America, ranging in size from small to very large, stand-alone to highly integrated. We believe in an open, interactive design process built around sound engineering principles. On paper, we design and build systems. In practice, we solve problems. Our solutions support clients' business objectives and strengthen their infrastructure.

We are passionate about what we do and proud of the work we have done – more than 10,000 projects to date and numerous industry awards. We take quality seriously, as is evidenced by the level of detail in our design. Supporting that philosophy is our rigorous internal Quality Management Plan.

PBX provides a comprehensive suite of services that covers the full spectrum of a project's life cycle. We plan, we design, we work with contractors, we test, we commission – and everything in between – from high level planning studies to splicing wires and testing devices, from the conference room to the construction site. The convergence of skill and experience drives the development of practical, innovative, and effective engineering solutions.

VICTORIA
VANCOUVER
SQUAMISH
KELOWNA
CALGARY
EDMONTON

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50+ PROFESSIONAL ENGINEERS
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