

MUNICIPAL UTILITIES

Municipal infrastructure is the foundation of the environment in which we all live and work. PBX has a long history of working closely with municipalities and local government agencies providing planning, guidance, and design expertise for a broad range of applications. We assist with creating sustainable, vibrant cities through the implementation of effective infrastructure.

Our technical expertise includes:

- » **PLC/RTU/HMI/SCADA Systems Design and Programming**
- » **Electrical Utility Connections, Power Distribution & Sub-Station**s
- » **Utility Coordination**
- » **Backup Power Systems**
- » **Motor Control Centres, Variable Frequency Drives**
- » **Wired and Wireless Communications Systems**
- » **Lighting Systems**
- » **Hazardous Locations Definition and Treatment**
- » **Security and Video Surveillance**

Our application areas include:

- » **Water and Storm Water Pumping Stations**
- » **Wells and Reservoirs**
- » **Water Treatment Plants**
- » **UV, Chlorination, and pH Balancing Systems**
- » **Waste Water Lift Stations**
- » **Waste Water Siphons**
- » **Odour Mitigation Systems**
- » **District Energy Systems**
- » **Electric Vehicle Charging Systems**
- » **Broadband Telecommunications**
- » **Electrical Shallow Utility Infrastructure Coordination**

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

BY LEVERAGING THE SKILLS OF
50+ PROFESSIONAL ENGINEERS
ACROSS SIX BUSINESS UNITS,
PBX DELIVERS FULLY INTEGRATED
SOLUTIONS THAT COVER THE
COMPLETE PROJECT LIFE CYCLE.

AUTOMATION
BUILDINGS
INDUSTRIAL
INTEGRATED SECURITY
MUNICIPAL UTILITIES
TRANSPORTATION