

PBX is looking for a qualified Senior Traffic Engineer to work with the Transportation team to assist with delivering projects in BC & Alberta.

Title
Senior Traffic Engineer
Location
Vancouver

Job Posting #
VAN-1007
Salary Range
\$100,000 - \$150,000

ABOUT PBX ENGINEERING

We are an electrical, systems, and software engineering firm, with offices in BC and Alberta. For more than 26 years we have diligently curated steady growth to build a successful company of over 120 employees.

Our extensive, diverse, and award-winning project portfolio includes infrastructure that positively impacts the public and the communities where we all live and work.

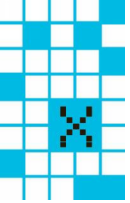
ABOUT THE ROLE

Working closely with other senior engineers, the **Senior Traffic Engineer** will be a leading member of the **Transportation** team, with responsibility for the delivery of projects through planning, design, tender and construction. Other responsibilities shall include:

- Preparation and review of electrical designs for traffic signals and lighting
- Preparation of electrical and systems design for Intelligent Transportation Systems (ITS) infrastructure including CCTV, Traveler Information Systems, Traffic Safety Systems, Active Traffic Management Systems.
- Preparation and review of calculations and simulations
- Preparation and review of design documentation and project deliverables, including reports, drawings, cost estimates, and construction specifications
- Perform and oversee construction services and site inspections
- Performing system testing, commissioning, and troubleshooting
- Providing technical guidance and mentorship of junior and intermediate staff
- Client liaison and project management
- Preparing Request for Proposals (RFPs), contract plans, specifications and estimates for tenders
- Actively participating and all contract administration activities for projects
- Assist with business development activities, as and when appropriate

The diverse workload for this position includes technical areas such as:

- Roadway, pedestrian, and multi-user pathway lighting
- Traffic signal infrastructure design
- Intelligent Transportation Systems (ITS)
- Power distribution



QUALIFICATIONS

CORE QUALIFICATIONS

The preferred and required skills of a successful candidate are listed below:

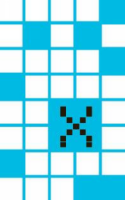
- Degree in Electrical Engineering from an accredited university
- Registered as P. Eng. with EGBC or APEGA
- 8+ years of experience
- Strong oral and written communication skills
- Effective interpersonal skills
- Eagerness to learn and a positive, professional attitude
- Strong technical writing skills (reports, memorandums, specifications)
- Experience working with other consultants and contractors
- Ability and interest to work as part of a team, coaching and educating project teams to strengthen team members' capabilities and skill sets
- Knowledge of the Canadian Electrical Code
- Strong computer skills including good working knowledge of the MS Office suite
- Ability to work in a fast-paced, dynamic environment, where demands and deadlines shift frequently
- Able to effectively deal with a high level of responsibility and demanding work schedule
- Experience with traffic simulation and modelling using Synchro
- Experience with traffic engineering and signal timing

DESIRABLE QUALIFICATIONS

Beyond the core skills, there are particular qualifications that will set you apart. The successful candidate will likely have most or all of the following qualifications:

- Professional Traffic Operations Engineer (PTOE) designation
- Experience working on local municipalities, BC Ministry of Transportation, or Alberta Transportation projects
- Knowledge of the following areas are not mandatory, but are considered an asset to the position:
 - Experience with Synchro
 - Experience with AutoCAD
 - Experience with AGI
 - Experience with Geographic Information Systems (GIS) data management systems
- Genuine desire to make an impactful contribution to a place where you yourself can build a long term career.

While relevant experience is certainly an asset, we are far more interested in finding the right person and are willing to train.



BEING A PART OF THE PBX COMMUNITY

We believe in supporting the long-term career development of our staff through a diverse and challenging workload, industry engagement, and internal and external training. A quarter of our staff have been with us 10 years or more. We understand that only employees who feel valued, respected, and empowered are able to create the innovative solutions that set us apart and deliver the quality of work our clients have come to expect from us.

We apply the same effort in fostering a positive social environment as we do in developing innovative and successful projects. You'll be joining a firm that believes strongly in creating the kind of community-based work culture that people want to be a part of.

For the second year in a row, we have been recognized as one of Canada's Top Small & Medium Employers – an award we were very proud to have received, but we understand it must be continuously earned to have true merit. We continuously strive to make our firm the kind of place where people want to stay: our benefits package and approach to compensation are structured to support that goal.

Our comprehensive benefits package includes the following:

- Medical, Dental, & Vision Benefits, including long-term disability and life insurance
- Paid time off, including paid holidays, Sudden Illness, Injury & Childcare (SIIC) days
- A Maternity & Parental Leave Top Up Program
- RRSP contributions with company matching
- A Health & Wellness Incentive Program for things like gym memberships, recreational gear, and more
- An Employee Assistance Program
- Annual high performance bonus program based on company and personal performance
- Staff social events, team lunches, and high-quality swag you can actually use or wear with pride
- Hybrid work model

COMPENSATION

The range of compensation for this position is \$100,000 to \$135,000. This salary range is provided specifically for compliance to provincial legislation. The actual salary will depend on the skills, experience, and capabilities of the successful candidate relative to the role and may or may not land within the range specified above.

APPLICATIONS

Qualified applicants are encouraged to send their cover letter, resume, and references, via email to careers@pbxeng.com. Include "**Senior Traffic Engineer**" in the subject line.

Resumes will be accepted until position filled.