



SENIOR TRANSPORTATION ENGINEER

Bunt & Associates

Established in 1993, Bunt & Associates is an employee owned progressive western Canadian transportation planning and engineering firm with offices in Vancouver, Victoria, Calgary and Edmonton. With experience spanning across Canada and internationally, we offer balanced and sophisticated insight to both urban and rural transportation challenges. Our purpose is to provide enterprising solutions to transportation planning and traffic engineering problems, to contribute to building connected and sustainable communities and to support our clients in reaching their project goals. Bunt & Associates is a true specialist consultant, providing services related to transportation exclusively.

Our strength is our people. Bunt & Associates has grown significantly over the last twenty years and much of the company's success is a result of having the right people on our team. We are a group of highly motivated and professional individuals who work to maintain excellence in client experience and exceptional product delivery. Bunt & Associates offers a positive work environment that recognizes the importance of professional development, opportunities for advancement, and a work-life balance. This is our commitment in support of attracting and keeping exceptional people.

Role & Responsibilities

We are seeking a Senior Transportation Engineer for our Downtown Vancouver office, with at least 20 years experience in travel demand and traffic micro-simulation modeling experience, preferably in the Metro Vancouver and Vancouver Island markets. In this role, the selected candidate will be responsible for building, developing and training an internal modeling group at Bunt & Associates and providing overall corporate technical leadership in this area. The candidate will also play a significant role in business development and in managing and leading a variety of public and private sector transportation planning and traffic engineering studies.

Qualifications & Experience

Candidates must have a B.A.Sc. in Civil Engineering, be registered or eligible for registration in BC, and have 20 or more years of experience that includes progressive technical, project management and business development experience in traffic engineering and transportation planning, with a focus on modeling. Strong verbal and written communication skills are essential for this position. We are seeking candidates with public and private sector experience, as well as technical team leadership experience. Business management experience will be an asset, as will a Master's Degree in Engineering and Professional Traffic Operations Engineer (PTOE) certification.

The position requires the following skill sets:

Required Technical Skills:

- Transportation data collection programs;
- Development and calibration of travel demand models using EMME, VISUM and TransCAD;
- Experience in using and developing sub-area models with the Metro Vancouver EMME RTM model;
- Preparation of Master Transportation Plans and corridor plans including development and evaluation of improvement options;
- Traffic operations analysis using Synchro/SimTraffic, Sidra and VISSIM;
- Conceptual design of transportation infrastructure; and,
- Land development studies such as Transportation Impact Studies, access and parking studies, etc – ranging from single use sites to complex multi-use/multi-phase sites in constrained urban contexts.

Desirable Technical Skills:

- Community or area-wide parking studies;
- Signal timing plan and Traffic Engineering Checklist preparation;
- Functional/Preliminary/detailed roadway design and cost estimating;
- Traffic signage and pavement marking plans;
- Traffic management plans during construction;
- Regional roadway network planning;
- Highway planning;
- Railway crossing evaluation and design;
- Safety studies;
- Transit servicing planning;
- Transit facility planning including BRT and LRT; and,
- Cycling and pedestrian master planning and facility design.

Communication Skills:

- Professional technical reports;
- Public open houses/workshops;
- Stakeholder engagement;
- Presentations to public agency staff, executives and elected politicians.

Project Management and Business Skills:

- All aspects of project management, from small to large scale planning & traffic studies;
- Business development and Client care;
- Proposal and marketing material preparation;
- Project and work distribution management;

- Staff training and mentoring; and,
- Office administration & personnel management.

Compensation

Bunt & Associates offers competitive salaries for transportation consulting positions in the Metro Vancouver market, annual staff bonuses based on company and individual performance, shareholder ownership opportunity, and a comprehensive benefits package.

Applications

If you feel that you possess the necessary experience and skill set, please email your resume, references and cover letter to info@bunteng.com. Only those applicants to be interviewed will receive a response.