

Job Title: Civil Engineer I - Transportation Planning Engineer

Requisition ID: 13313

Company

The City of Vancouver is striving to become the greenest city in the world, and a city powered entirely by renewable energy before 2050. We are proud to be one of Canada's Top 100 Employers, BC's Top Employers, and one of Canada's Greenest Employers. With employees that have helped Vancouver consistently rank as one of the world's most livable cities, the City values a diverse workforce which represents the vibrant community we so proudly serve.

Consider joining our committed team of staff and being part of an innovative, inclusive and rewarding workplace.

Main Purpose and Function

Reporting directly to a Senior Transportation Planning Engineer (CE II,) the Transportation Planning Engineer (CE 1) will work closely coordinating with multidisciplinary transportation engineers, planners and technical staff within Transportation Planning, among other Engineering branches and various City of Vancouver departments.

The Transportation Planning Engineer supports the planning of local and regional transportation within the City of Vancouver, including planning for improved walking, biking, transit and goods movement. This position may also support the analysis and review of longer range transportation policy and program initiatives related to Vancouver's City Plan Initiative and TransLink's Regional Transportation Strategy update.

We are seeking two (2) Transportation Planning Engineers. One position will be more focused on specific project development, as part of the Current Planning team and the other on longer range plans, policies and strategies as of the Long-Range Planning Team.

Specific Duties and Responsibilities

Primary Duties may include:

- Supporting transportation planning for the City of Vancouver to meet the needs of residents and businesses over a 30 year horizon at a citywide, community and corridor level and advances specific projects
- Reviewing, conducting and delivering transportation studies and reports
- Completing data analysis and modelling and associated reporting of the transportation network
- Reviewing and providing comments/input on major development projects within Vancouver
- Preparing conceptual designs and related cost estimates
- Participating in public engagement events related to transportation projects or policies, including engaging residents about the benefits of proposed improvements
- Acting as a liaison with other departments and outside agencies
- Keeping current on emerging transit/transportation planning trends and guidelines
- Preparing and delivering technical presentations to the public and external agencies
- Managing consultant contracts and supervising junior branch staff including work plans
- Other duties/responsibilities as assigned

Qualifications

Education and Experience:

- Bachelor's degree in Civil Engineering
- Minimum of two (2) years' experience in an environment related to transportation or equivalent experience
- Registration or eligibility to register as a Professional Engineer (or EIT) in the Province of BC is required
- Training and / or experience in transportation planning, modelling and network analysis
- Preference will be given to candidates with an interest and/or training in Urban Planning/Engineering (ie. Master's degree, certification or course work)
 - Experience with:
 - Planning and design of local to regional transportation and transit projects
- Conceptual planning and roadway geometric design including complete streets
- Conducting transportation studies or corridor reviews
- Multi-modal transportation modelling experience in a variety of software such as EMME, VISUM, VISSIM and Synchro an asset

Knowledge Skills and Abilities:

- Knowledge of the City of Vancouver & Regional transportation and transit systems

- Excellent report and letter writing skills, including preparing technical documents
- Exceptional interpersonal and communication skills including experience presenting on complex transportation planning issues
- Strong analytical skills and working knowledge of AutoCAD, Word, Excel and PowerPoint
- Strong organizational and time management skills, with the ability to deal effectively with multiple tasks of moderate to high complexity and setting/meeting competing deadlines
- Ability to work well in a dynamic team environment, with little or no supervision
- Ability to build and maintain effective relationships with stakeholders, external transportation partners and co-workers
- Ability to understand conflicts and weigh trade-offs, and arrive at a defensible recommendation while exercising sound judgment and discretion

Business Unit/Department: Engineering Services (1300)

Affiliation: Exempt

Employment Type: Regular Full Time

Application Close: May 17, 2019

The City of Vancouver is always interested in adding high performing team members to its staff. If you would like to be considered for this exciting and impactful career opportunity, please apply on our internal careers site.

We thank all applicants for their interest. However, only those selected for an interview will be contacted. Learn more about our commitment to diversity and inclusion.