

Job Title: Technical Supervisor - Engineering

Requisition ID: 11546

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 BC's Top Employers, Canada's Best Diversity 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

The Transportation Design Technical Supervisor is responsible for leading the Geometric Design group, which provides design services for the Transportation Division. The Transportation Design Technical Supervisor provides supervision and mentoring to the 6 designers in the group, who produce street designs that are recognized across North America for their innovation. The position is responsible for ensuring that design standards are kept up-to-date, that staff is being trained on the latest developments of the field, assigning work, review of work, and liaising with a wide variety of internal and external stakeholders to ensure that Transportation Designs are of the highest possible quality and meet stakeholder requirements. Reporting to a Transportation Design Engineer, the Transportation Design Technical Supervisor works independently on a day-to-day basis to supervise the group's work.

Specific Duties and Responsibilities

- Supervises Engineering Assistants in the production of transportation designs, including geometric (2D) designs and sign plans
- Assigns work to the design team, balancing team learning and growth with workload needs
- Trains new staff and provides ongoing training and mentoring to designers of various levels of skill
- Develops and updates the design process to improve efficiency, consistency and quality
- Ensures technical design standards and drafting standards are kept up-to-date.
- Performs or supervises all design checks
- Responsible for the development and enhancement of City design guidelines, drafting standards and overall design consistency and develops detailed design guidelines and standards
- Participates in local, national and international discussions on transportation design
- Prepares research, technical studies, reports and presentations on design topics, including undertaking relevant field observations and notes and verifying accuracy of the content
- Participates in design group strategic planning and decision making
- Keeps current on emerging trends and best practices in the planning and design of transportation infrastructure
- Prepares technical reports, presentations, letters & memos

Qualifications

Education and Experience:

- Completion of Grade 12 supplemented with post-secondary education in Civil Engineering technology, transportation or other relevant area of study, or an equivalent combination of training and experience
- A minimum of 5 years of experience in transportation design and supervision; or an equivalent combination of training and experience

Knowledge, Skills and Abilities:

- Sound knowledge of current transportation engineering design principles and methods and relevant design guidelines, such as TAC Geometric Design Guide for Canadian Roads, Manual of Uniform Traffic Control Devices, NACTO Urban Bikeway Design Guide, and other international guides
- Sound knowledge of land surveying principles and methods, coordinate systems and projections, and the ability to interpret and incorporate surveys in the geometric design process
- A strong understanding of urban street design, an awareness of concepts such as Complete Streets, and an ability to apply related engineering principles to design work
- Ability to work with key branches to develop designs and processes

- Demonstrated ability to direct, train, mentor, and lead staff including review and evaluation of work and providing guidance for improvement
- Strong experience using AutoCAD for transportation drafting and design
- Ability to solve complex street geometric problems
- Ability to read and interpret complex engineering plans and specifications and perform complex design drafting
- Working knowledge of the City of Vancouver Transportation policy
- Excellent written and verbal communication skills including confidently interacting with the public through phone, email and in person
- Demonstrated skill in establishing and maintaining good working relationships with internal and external stakeholder groups/partners, complemented by strong interpersonal skills to deal tactfully with staff, partner agencies, and the public
- Proven ability to work independently to produce quality materials and recommendations within tight timeframes
- Demonstrated research, mapping and analysis skills
- Proven ability to exercise sound judgment and discretion
- Ability to work well in a team environment, with little or no supervision, under tight deadlines, and sometimes outdoors in inclement weather

Business Unit/Department: Engineering Services

Affiliation: CUPE 15 Non Pks

Employment Type: Regular Full Time

Position Start Date: August 2018

Application Close: July 15, 2018

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.