Job Title: Transit Implementation Engineer

Requisition ID: 30099

Company
Located on the traditional, ancestral and unceded lands of the xʷməθkʷəy̓əm (Musqueam), Sḵwx̱wú7mesh (Squamish), and səlilwətaɬ (Tsleil-Waututh), Vancouver has a commitment to becoming a City of Reconciliation. Vancouver consistently ranks as one of the world’s most liveable cities and is working towards being the greenest city in the world. Named among Canada's Top 100 Employers, BC's Top Employers, and Canada's Greenest Employers, the City of Vancouver seeks colleagues who can help shape and embody our core commitments to sustainability, decolonization, equity and outstanding quality of life for all residents.
Consider joining our committed team of staff and being part of an innovative, inclusive and rewarding workplace.

Main Purpose & Function
Reporting to the Senior Engineer and supervising the Engineering Assistant, the Transit Implementation Engineer is responsible for coordinating and managing the City's involvement in the planning, design and implementation of transit projects. This includes operational improvements, planning and implementation of bus speed, reliability measures and new RapidBus routes.

Specific Duties & Responsibilities
- Prepares transportation/transit studies, roadway geometric design, roadway signage, and cost estimates
- Undertakes the assessment and implementation of transit operational improvements in coordination with TransLink and Coast Mountain Bus Company
- Manages the development, submittal and tracking of funding applications with TransLink and other funding partners
- Analyses and identifies potential corridors for Bus speed and reliability improvements (in coordination with other branches) and develops an implementation strategy in coordination with TransLink and the Lead Planner
- Assists in the development of RapidBus corridor strategies and implementation plans
- Responsible for data analysis and associated reporting
- Participates in and manages public consultation and stakeholder engagement for transit and transportation projects
- Assists in the review and comments on Mayors’ Council materials for briefing City representatives and senior staff; assists in the preparation of Council reports and conducts formal presentations as required on topics related to branch activities
- Acts as the Engineer of Record for all transit implementation designs where required or provides guidance on the development of the designs
- Assists in managing the capital budgets related to bus transit improvements
- Undertakes technical studies and provides technical guidance to consultants or Engineering Assistants
- Provides input into and tracking of work planning and performance management for junior staff, including hiring, attendance management and providing input into staffing needs as the projects progress
- Other duties/responsibilities as assigned

Qualifications
Education and Experience:
- Bachelor’s Degree in Civil Engineering and a minimum of four years of experience in transportation engineering and project management including experience with transportation design and traffic operations, or an equivalent combination of education, training and experience
- Registration or eligibility to register as a Professional Engineer or Professional Licensee in British Columbia

Knowledge, Skills and Abilities:
- Considerable knowledge and background using design guidelines such as the Manual of Uniform Traffic Control Devices, TAC Geometric Design Guide for Canadian Roads
- Sound knowledge of practices, design principles and theories and best practices related to transportation projects
- Knowledge of processes and procedures relating to the planning and design of transit as well as other City transportation facilities
- Sound knowledge of the City’s transportation networks for all travel modes
- Excellent leadership skills with the ability to motivate and engage staff
• Strong project management skills with demonstrated ability to prepare and manage project and program budgets
• Exceptional time management and organizational skills with the ability to effectively and efficiently prioritize actions in response to numerous and diverse demands
• Strong written/verbal communication skills and ability to speak and make presentations to stakeholders and the public
• Strong conflict resolution, mediation and negotiation skills
• Ability to exercise diplomacy and tact
• Ability to develop and maintain positive, productive relationships at all levels in the organization and external stakeholders
• Ability to read and interpret complex engineering plans and specifications
• Ability to prepare technical presentations and reports on complex design issues.
• Proficient in the use of software applications such as AutoCAD Word, Excel and Power Point

Business Unit/Department: Engineering Services (1300)
Affiliation: Exempt
Employment Type: Regular Full Time
Position Start Date: July, 2021

Application Close: June 4, 2021
At the City of Vancouver, we are committed to recruiting a diverse workforce that represents the community we so proudly serve. Indigenous applicants, people of colour, all genders, LGBT2Q+ and persons with disabilities are encouraged to apply. Accommodations will be provided upon request during the selection process. Learn more about our commitment to diversity and inclusion.
To be considered for this exciting and impactful career opportunity with a generous benefits package, please apply on our careers site.