



PROGRAM MANAGER, TRAFFIC SYSTEMS DELIVERY

JD#: M925

Job Number: J1223-0390

Job Title: Program Manager, Traffic Systems Delivery

Department:

Transportation and Fleet Management Services Department

Job Type: Permanent Full Time

Job Category: Public Works

Number Of Positions: 1

Date Posted: January 16, 2024

Closing Date: February 6, 2024

Salary: \$117,115.00 - \$139,423.00/Year

Hours of work: 35 hours per week

Schedule: 8:30am - 4:30pm. Monday - Friday

Union: Non-union

Vaughan is one of Canada's fastest-growing cities. Its emerging downtown, the Vaughan Metropolitan Centre; Canada's first smart hospital, the Cortellucci Vaughan Hospital; and the 900-acre North Maple Regional Park continue to generate momentum and excitement. Be part of something amazing and build your career at the City of Vaughan!

The City is an equal-opportunity employer and a forward-looking municipality that is committed to fostering a dynamic workplace that is diverse, inclusive and welcoming. As an award-winning organization for its employment and diversity and inclusivity practices, the City is focused on providing its employees with a thriving professional environment that leverages flexible work arrangements, a family-focused benefits package emphasizing work-life balance, learning and growth opportunities, and a place where collaboration and teamwork are valued.

Excellence demands brilliant personalities, visionary thinking and a passion for public service. Vaughan is your place to grow.

Position Overview

The Program Manager – Traffic Systems Delivery is responsible for managing the development, implementation, installation, operations, maintenance, and monitoring of the City's Traffic Signal Control Management Program and Intelligent Transportation Systems (ITS). Also responsible for managing the City's Automated Speed Enforcement program, ensuring alignment of the planning and implementation of traffic control devices.

Providing leadership, technical expertise, contract management, and project management as well as building consensus among partners and participants with respect to Traffic Signal Control Management and ITS in the City. Liaises with project managers, technical disciplines, external stakeholders, consultants and by providing expertise for the Traffic Engineering Services Division through planning, coordination, execution, and approval processes. Responds to stakeholder inquiries within customer service guidelines, conflict management resolution with citizens, and on-site consultation with the public, developing strategies for complex highly visible road/traffic related concerns.

Provides input into multi-modal transportation projects. Prepares Council reports and presentations for management and presents recommendations to increase operational efficiency and public safety.

At employee request, this position is eligible to take part in our hybrid work model as outlined in the City's Alternative Work Arrangement Policy.

Responsibilities

The position will support the following outcomes:

- Ensures pedestrians, cyclists and vehicle traffic continue to move safely and efficiently through signalized intersections and pedestrian crossings using the existing road network.
- Evaluates and analyzes the effectiveness of the Automated Speed Enforcement program via software solutions and intelligent systems.
- Develops and tracks Key Performance Indicators for Automated Speed Enforcement technology and Traffic Systems to evaluate and monitor program deliverables. Navigates financial software platforms and utilizes Power BI for dashboard reporting.
- Facilitates modernization of the City's traffic signals system, providing more efficient traffic flow and link to existing and future technologies.

Qualifications and Experience

- A minimum (4) four-year University degree in Transportation or Civil, Mechanical or Electrical/Electronic Engineering or equivalent education and experience.
- Minimum seven (7) years of experience (inclusive of EIT experience) with complex project experience in Transportation Planning, Traffic Engineering, Traffic Management and with planning, development and application of traffic signal operations and traffic control systems, including a minimum two (2) years of direct supervisory experience.
- Licensed as a Professional Engineer with the Professional Engineers of Ontario.
- Strong knowledge of traffic signal timing, best practices and traffic engineering principles.
- Extensive practical experience in a traffic engineering, road safety and traffic operations and sound knowledge of traffic and transportation engineering and design principles and applications.
- Knowledge and experience with Automated Speed Enforcement.
- Through knowledge of traffic engineering and operations principles, project management, contract administration provisions/procedures pertaining to municipal engineering, value engineering, Highway Traffic Act, Accessibilities for Ontarians with Disabilities Act, Ontario Health and Safety Act, Ontario Traffic Manuals, and Transportation Association of Canada Guidelines.
- Project management and leadership skills including leadership of staff, consultants, vendors, and contractors.
- Demonstrated superior organizational and project management skills to lead a project or work group, organize numerous tasks, set priorities, and meet deadlines.
- Exceptional interpersonal, organizational, and analytical skills; excellent oral and written communication skills.
- Ability to deal courteously and effectively with the Public, Staff, Members of Council, and Consultants.
- Excellent analytical, problem solving, strategic planning and conceptual thinking skills.
- Effective negotiation and conflict resolution skills.
- Demonstrated track record delivering projects on time and budget.
- Ability to connect with internal and external stakeholders from varying backgrounds and degrees of experience.
- Strong report writing and presentation skills and able to work with strict deadlines.
- Strong organization and time management skills with political awareness and professional tact.
- Proficient in Microsoft Office software (Word, Excel, PowerPoint, Outlook), Synchro, AutoCAD, and various traffic engineering software.
- Valid Ontario Class 'G' driver's license in good standing with a reliable vehicle for business purposes when required.
- Ability to work outside normal business hours, as required.

We thank all applicants for their interest; however, only those selected for an interview will be contacted. Please be advised, the City of Vaughan uses email to communicate with applicants for open job competitions.

The City of Vaughan is committed to diversity and inclusivity in employment and welcomes applications from qualified individuals of diverse backgrounds. The City of Vaughan is also committed to providing accommodations for people with disabilities. If you require an accommodation, we will work with you to meet your needs.