



*A progressive city of 187,800 people located just a short 30-minute drive from Toronto, the **City of Oshawa** is one of Canada's fastest growing communities that is exceptionally positioned to live, work, learn and invest. Its strategic pursuit of sustainable growth, excellent community service delivery and cooperative partnerships have enhanced its quality of life advantage, while maintaining a strong commitment to financial stewardship.*

Vacancy: Regular Full-Time Infrastructure Analyst

Posting Number: V-204-25

Department: Economic & Development Services **Branch:** Engineering Services

Location: City Hall

Posting Start Date: 2025/09/11 **Posting End Date:** 2025/09/26 by 4:30p.m.

Group: CUPE 251 **Salary Grade:** 08, \$38.67 - \$42.96

Standard Weekly Hours of Work: 36.25 **Shift Work Required:** No

Job Description

Reporting to the Senior Manager of Infrastructure Planning, or designate, the Infrastructure Analyst will support the City's infrastructure management objectives by maintaining and analyzing infrastructure data, supporting lifecycle planning, and contributing to capital and operating budgets. This role involves technical analysis, reporting, stakeholder coordination, and system development to ensure effective asset renewal, replacement, and long-term planning.

Responsibilities:

- Maintain and analyze infrastructure inventory and condition data
- Ensure data accuracy and alignment with lifecycle planning
- Integrate data into infrastructure management systems
- Conduct technical analysis of performance, risk, and renewal needs

- Prepare reports, webmaps, and visualizations to support decision-making and long-term planning
- Analyze infrastructure needs for budget development
- Track program status and prepare supporting documentation
- Apply and help refine internal policies, standards, and technical guidelines
- Collaborate with internal departments and external partners
- Provide technical input and participate in planning meetings
- Support the development and maintenance of infrastructure tools
- Assist in improving workflows, data models, and reporting processes
- Maintain records, metadata, and documentation related to infrastructure assets and programs
- Support internal training and knowledge sharing
- Respond to resident inquiries and Freedom of Information requests
- Identify opportunities to improve data quality and analytical methods
- Support and demonstrate the City of Oshawa's core values of Authenticity, Courage, and Trust.
- Perform other duties as assigned.

Requirements:

- Completion of a minimum three (3) year diploma in a technical, engineering, or related field of study (e.g., civil engineering technology, geomatics, GIS, environmental science, or public infrastructure), and a minimum of five (5) years relevant experience preferably in a municipal engineering or public works environment, or an equivalent combination of education and experience.
- Additional training in infrastructure management, GIS, data analysis, public works planning is considered an asset.
- Professional certifications such as Certified Engineering Technologist (C.E.T.), GISP (Geographic Information Systems Professional), or equivalent are preferred.
- Proficiency in infrastructure management systems, spatial data tools (e.g., ArcGIS, AutoCAD, Civil 3D), and Microsoft Office.
- Programming proficiency in languages such as Visual Basic, Python, SQL, and JavaScript to support data analysis, automation, and system integration is considered an asset.
- Strong analytical and problem-solving skills with a focus on infrastructure asset management, condition assessment, and performance programming.
- Excellent communication skills to convey complex technical information clearly to internal and external stakeholders.
- Excellent interpersonal skills with the ability to develop and maintain effective working relationships
- Solution oriented with a strong skill for data flows and content management principles
- Ability to work independently and collaboratively in a multidisciplinary team environment demonstrating sound judgement.
- Strong organizational skills and attention to detail, with the ability to manage multiple priorities and meet deadlines.

- Ability to provide own transportation for travel between work locations as required

This position is eligible for hybrid work.

As a condition of employment, the City of Oshawa will require successful candidates to undergo a Criminal Records and Judicial Matters Check.

What the City Offers:

- Competitive salary
- Comprehensive benefits package
- Pension (OMERS)
- Professional development opportunities and/or education reimbursement
- Paid professional association membership for certification maintenance
- Free on-site parking
- Hybrid work
- Employee perks and wellness programming

Please be advised that position location as noted is at the time of posting and is subject to change, as required due to operational needs.

We would like to thank all applicants however, please note that only those selected to attend an interview will be contacted and all other applicants will be kept on file. Applicants are advised that written, oral and practical testing may form part of the selection process.

Applicants who are currently employed by the City of Oshawa are asked to clearly indicate their status as an internal applicant in their application. Please ensure that you check your email regularly to receive any correspondence.

The City of Oshawa is situated on lands and waters within the Williams Treaties Territory, home to seven First Nation communities of the Michi Saagiig and Chippewa Anishinaabeg, who have cared for and maintained these lands from time immemorial and continue to do so to present day. [Learn more](#)

We are an Equal Opportunity Employer in accordance with the Accessibility for Ontarians with Disabilities Act, 2005 and the Ontario Human Rights Code (OHRC). The City of Oshawa promotes the principles of diversity, equity and inclusion and adheres to the tenets of the Canadian Human Rights Act and the Ontario Human Rights Code. The City of Oshawa encourages applications from women, Indigenous Peoples and persons of all cultures, ethnic origins, religions, abilities, ages, sexual orientations, and gender identities and expressions.

The City of Oshawa will provide accommodations throughout the recruitment and selection and/or assessment process to applicants with disabilities and/or needs related

to the OHRC. If you require an accommodation during the recruitment process or assistance with the application process please contact Human Resource Services. Personal information provided is collected under the authority of The Municipal Freedom of Information and Protection of Privacy Act.