

Supervisor, Infrastructure

Reference #J0426-0324

Engineering Services

Non-Union, Regular Full-Time

Salary: \$85,799.10 - \$107,172.54 per year

35 Hours per week

Hybrid

Closing Date: May 24, 2026

The Role

Reporting to the Manager, Infrastructure, the Supervisor, Infrastructure is responsible for the day-to-day supervision and technical leadership of the Engineering GIS Technologist team. This position oversees the collection, management, and application of asset-related infrastructure data used in the planning and delivery of capital projects and municipal services.

A key focus of this role is to manage and support the internal design and CAD drafting functions performed by Engineering GIS Technologists. These functions include preparing base plans, preliminary designs, and construction drawings for various capital and operational initiatives within the Engineering Services group. The Supervisor, Infrastructure is also responsible for receiving and evaluating GIS and CAD task requests from other City departments and Engineering divisions, prioritizing them based on urgency, corporate priorities, and staff capacity. This role ensures the timely and accurate delivery of spatial and technical data to support infrastructure project development and delivery.

Meet your department...

We design, build, and maintain Kingston's core infrastructure, from roads and sidewalks to stormwater systems and bridges. Our team ensures projects meet safety, sustainability, and regulatory standards while improving the city's functionality and quality of life.

What you'll do...

- Supervise Engineering GIS Technologists and manage the development, maintenance, and integrity of GIS and CAD data systems. Assign and prioritize drafting, design, and mapping tasks to support capital project planning and delivery
- Oversee the provision of CAD drafting and internal design services for Engineering Services projects, ensuring high-quality and timely support for capital delivery, operations, and asset planning
- Receive, evaluate, and assign GIS and CAD task requests from other divisions (e.g., Transportation, Public Works, Construction, Development Approvals), ensuring that tasks are prioritized effectively based on urgency and organizational goals

- Provide technical leadership in asset inventory development, spatial data management, and reporting to support project scoping, performance monitoring, and long-term infrastructure planning
- Support continuous improvement initiatives including system enhancements, standard development, training, and the adoption of new technology and best practices
- Other duties as assigned

To qualify, you'll need...

- 3 year diploma in Civil Engineering Technology or related field
- Bachelor's Degree in Geomatics or Engineering preferred
- 5 years combined relevant experience with GIS/CAD and infrastructure data systems
- Supervisory experience in a municipal setting preferred
- Eligibility for, or, membership with OACETT or GISCI
- CET, GISP, or similar designation preferred
- Advanced proficiency in AutoCAD Civil 3D for the preparation of construction drawings, design layouts, and base mapping
- Strong understanding of internal design processes and the ability to guide the development of construction plans from concept through to pre-tender
- Knowledge of Open Government and asset management data models including lifecycle performance tracking preferred
- Experience in assigning, coordinating, and prioritizing task requests from multiple stakeholders with competing deadlines
- Expertise with ESRI GIS software (ArcMap, ArcGIS Pro, ArcGIS Online) and mobile apps (Collector, Survey123)
- Ability to read, interpret, and produce engineering drawings and to support municipal infrastructure design
- Familiarity with Ontario Provincial Standard Specifications (OPSS), TAC, and relevant municipal standards
- Excellent organizational and communication skills with a focus on interdepartmental collaboration
- Municipal government experience in a unionized environment
- Valid Ontario Class "G" driver's license and ability to attend field locations as required
- Must demonstrate corporate values of Belonging, Collaboration, Accountability, and Innovation
- Required to obtain and maintain a satisfactory criminal record check (with vulnerable sector search)

Why us?

Join a team that's building more than a city - we're building a community where people thrive. At the City of Kingston, your work has real impact: safer streets, greener spaces, inclusive experiences, innovative transit, creative public spaces, and brighter futures for all.

We're more than just a municipal government - we're a team of problem-solvers, innovators, and community-builders who take pride in shaping the place we call home. As an employer, we're committed to your growth, your well-being, and creating an environment where every voice counts. Your career is more than a job - it's where your impact begins.

Why you'll love it here...

We provide our employees with a comprehensive and competitive total rewards package, which may include extended health coverage, travel and life insurance, and long-term disability. Specific benefits can vary depending on your role and terms of employment.

In addition, employees may enjoy access to:

- OMERS defined pension plan
- Vacation entitlements
- Employee wellness and assistance programs and resources
- Ongoing training and education opportunities
- Flexible work arrangements
- Corporate perks such as discounted transit and fitness passes
- Learning & development resources and networks
- Relocation assistance and local resources

To learn more about working at the City of Kingston, [click here](#).

Learn more about what makes Kingston so special on [PossibleMadeHere.org](#).

How to apply

Submit your online application by 11:59 PM on the job posting closing date. Click the 'APPLY HERE' button to complete your application.

Applicants must demonstrate in their submission how they meet the minimum education and experience requirements of the position. Please include any relevant education documents (degrees, diplomas, or certificates) to your profile.

Accommodations are available at all stages of the recruitment and selection process to support a barrier-free experience for all candidates in accordance with the Ontario Human Rights Code (OHRC) and the Accessibility for Ontarians with Disabilities Act (AODA). If you require any accommodations, please let us know. For more information, you can contact us at hrcity@cityofkingston.ca.

Thank you to everyone who applies. While we value each application, only those advancing in the recruitment process will be contacted. All personal information will be handled in compliance with the Municipal Freedom of Information and Protection of Privacy Act (MFIPPA).

The City of Kingston may utilize artificial intelligence (AI) assisted tools throughout the recruitment process. All final hiring decisions are made by qualified municipal staff.

Internal applications: <https://bit.ly/city-kingston-internal>

External applications: <https://bit.ly/city-kingston-external>

To ensure you don't miss any updates, please check your spam or junk folders for emails from a City of Kingston account.

Our commitment

The City of Kingston acknowledges that we are on the traditional homeland of the Anishinabek, Haudenosaunee, and the Huron-Wendat, and thanks these nations for their care and stewardship over this shared land.

Today, the City is committed to working with Indigenous peoples and all residents to pursue a united path of reconciliation.

Learn more about the [City's reconciliation initiatives](#).

[CLICK HERE TO APPLY](#)