

Transportation Technologist



Job Title:
Transportation Technologist

Job Number:
J1022-0578

Job Code:
09B307

Job Category:
Transportation

Department:
Transportation Services

Bargaining Unit:
CUPE

Job Type:
Full Time

Employment Type:
New

Number of Positions:
1

Hours of Work:
35 hrs/wk

Salary:
\$34.07 - \$42.48/Hour

Date Posted:
October 26, 2022

Closing Date:
November 16, 2022

Opening Statement

We acknowledge that the City of Kingston is situated on traditional Anishinabek (Ah- nish-in-ah-bay), Haudenosaunee (Ho-den-o-show-nee) and Huron-Wendat (huron-wen-dat) territory and is the home of many Indigenous peoples. We are grateful to reside and work on this land.

Kingston is a smart, livable city in the heart of eastern Ontario. Its stable and diversified economy includes global corporations, innovative start-ups and all levels of government. Kingstonians enjoy a high quality of life with access to world-class education and research institutions, advanced healthcare facilities, affordable living and vibrant entertainment and tourism activities.

We take our core values of Trust, Respect, Integrity and Pride seriously and apply these standards to everything we do. We foster a working environment that reflects our community's diversity and respects people's dignity, ideas and beliefs. The City of Kingston views diversity as its strength and encourages people from all backgrounds, including but not limited to women, racialized groups, Indigenous peoples, Persons with Disabilities and persons who identify as members *2SLGBTQ+ communities, to apply.

Position Summary

Reporting to the Manager, Transportation Infrastructure, this position assists in the planning, design, review, operation, maintenance, inspection, record keeping and reporting of transportation infrastructure.

KEY DUTIES & RESPONSIBILITIES

Review development projects and planning applications for compliance with the City's requirements with regards to the transportation elements, and formulate department responses, including identifying requirements for and review of traffic impact studies and associated mitigation measures and/or changes in the City's right of ways

Review vehicle and pedestrian site accesses and connections to the City's right of ways and conformance with relevant technical standards and best practices, and facilitate coordination with adjacent City capital improvements where applicable

Correspond with external stakeholders with regards to data requirements for traffic studies and review and comment on proposed scopes for traffic impact studies/analysis associated with development projects, and assist department with the development and application of design standards and requirements related to transportation infrastructure and associated studies

Conduct specialized studies in intersection operation and capacity, sight lines, pedestrian and cycling movement and safety related to development projects and associated capital infrastructure/right of way improvements

Review and analyze development project construction cost estimates related to transportation infrastructure, and coordinate with other stakeholders including other City departments (Planning, Engineering) and Utilities Kingston for the construction and assumption of transportation improvements through development projects (i.e. traffic signals)

Prepare reports or supporting memoranda for recommendation by the division or department for various Committees of Council, other committees and/or as required

Arrange and participate in meetings with other departmental/divisional staff, developers, consultants, contractors, etc. to discuss, review and coordinate inputs on development applications and associated capital improvements

Respond to transportation related inquiries from the public and outside agencies on related technical work duties

Support the use of GIS and related technology to collect, compile, organize and interpret data to present accurate and geographically referenced infrastructure data records for the City

Other duties as assigned

Qualifications, Competencies

3 year diploma in civil engineering or related program

5 years related work experience in a civil/municipal engineering environment with a focus on traffic analysis and reporting, plan interpretation and approvals

Currently registered or eligible to be registered with OACETT as a Certified Engineering Technologist (CET) an asset

Experience with intersection operation studies, traffic signal analysis, corridor analysis, safety assessments, and roundabout capacity analysis an asset

Experience using traffic engineering and modelling software such as Synchro, Vissim, Visum is considered an asset

Experience using ESRI GIS products including ArcGIS 10.X is considered an asset

Experience with database design and customization using software such as Microsoft Access, Visual Basic and SQL Server is considered an asset

Experience collecting data in the field with tablets, GPS enabled devices, etc. is considered an asset

Experience using AutoCAD is considered an asset

Experience with Cartography software is considered an asset

Core Competencies: Customer Focus, Results Orientation, Integrity, and Teamwork

Skills, Abilities, Work Demands

Knowledge of technical/engineering practices relevant to transportation engineering

Knowledge of and understanding of all relevant regulations, statutes, and standards such as Ontario Provincial Standards (OPS), Transportation Association of Canada (TAC) guidelines, Manual of Uniform Control Devices (MUCD), Ontario Highway Traffic Act (HTA), Ontario Traffic Manuals (OTM), Highway Capacity Manual, etc.

Understanding of traffic demand forecasting process

Proficiency with Microsoft Office software such as Word, Excel, and Outlook

Excellent verbal and written communication skills with effective interpersonal skills

Strong organizational, prioritization and attention to detail skills

Ability to work effectively as a team member and independently

Demonstrated willingness for continuous learning, including new technology and teaching others technology related concepts and work practices

Demonstrated ability to work effectively across departments collaboratively

Ability to work outside and possibly in inclement weather conditions, as required

Must possess and maintain a valid class "G" license with a satisfactory driver's abstract

Must obtain and maintain a satisfactory criminal record check

Closing Statement

Please apply to Career Opportunities at: www.cityofkingston.ca/Careers

Please inform us of any accommodations we need to make to ensure a barrier-free recruitment experience. Accommodations are available in accordance with the Ontario Human Rights Code (OHRC) and Accessibility for Ontarians with Disabilities Act (AODA) at any stage in the recruitment process. We're happy to provide more information if you email us at HRCity@cityofkingston.ca

Your resumé must demonstrate how you meet position requirements. Please upload to your profile any educational Degrees, Diplomas and/or Certificates that are relevant and

required for the position. We thank all who apply, however, only those selected for further consideration will be contacted. Information collected will be handled in accordance with the Municipal Freedom of Information and Protection of Privacy Act.

Please ensure to check any spam or junk folders for any emails coming from a City of Kingston account.

Are you interested in this job?

[I am Interested](#)



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