

Job Title: Transport Modelling Technologist

Req ID: 20904

Vacancy Type: Permanent

Number of Positions: 1

Closing Date: 12/13/2021

Job Summary

The successful candidate will report to the Supervisor, Traffic Systems and Intelligent Transportation Systems and be responsible for:

Duties and Responsibilities

- Capacity and traffic analysis for individual intersections and corridors
- Review Traffic Management Plans for construction staging
- Review Traffic Impact Studies
- Use software packages including Synchro, SimTraffic, VISSIM, HCM and MS Office (Excel, Access, Word, PowerPoint, Outlook)
- Experience using MS SQL Database to export data and create ad hoc reports
- Complete work using traffic engineering principles and Ontario Traffic Manuals (or other relevant reference materials)
- Attend Public Open Houses and Stakeholder meetings to listen to concerns and convey technical information
- Undertake work such as site investigations and traffic data collections
- Assist technical staff with additional duties as assigned
- Establish and maintain good working relationships and communication with internal and external colleagues

Skills and Qualifications

- A graduate from a minimum three year Community College in Transportation/ Civil Engineering Technology or related field
- Certification with OACETT as a Certified Engineering Technologist (C.E.T.) or candidate working towards obtaining certification will be considered
- Minimum 3-5 years working experience in Transportation and/or Traffic Engineering with emphasis on micro modelling and microsimulation
- Strong knowledge with current Transportation Software, such as Synchro, SimTraffic and HCM
- Strong knowledge with current modelling software such as VISSIM (including Dynamic Assignment)
- Solid knowledge in areas of traffic operations and traffic analysis
- Strong attention to detail and with good verbal and written communication skills
- Ability to work independently and also within a fast paced multidisciplinary team environment

#LI-TW

Hourly Rate/Salary: \$ 72,088.00 - \$ 96,120.00

Hours of Work: 35

Work Location: Mavis Yard: Common Building

Department/Division/Section: T&W/Transportation&Works Dept , T&W/Traffic Mgt & Municipal Parking Div , Traffic Signals & Systems

Non-Union/Union: Non Union

COVID-19 Update: As per the City's Employee and Volunteer COVID-19 Vaccination Policy, all external candidates (including previously employed individuals) must show their Fully Vaccinated Confirmation or apply for and receive confirmation of a creed or medical exemption from the City **before their first day**.

A Criminal Record and Judicial Matters Check (Level 2) or Vulnerable Sector Check (Level 3) will be required of the successful candidate, at their own expense, to verify the absence of a criminal record for which a pardon has not been granted.

We thank all who apply, however, only those candidates selected for an interview will be contacted. You can also check your application status in your candidate profile online.

All personal information is collected under the authority of the Municipal Act.

We are an Equal Opportunity Employer. In accordance with the Accessibility for Ontarians with Disabilities Act, 2005 and the Ontario Human Rights Code, the City of Mississauga will provide accommodations throughout the recruitment, selection and/or assessment process to applicants with disabilities. If selected to participate in the recruitment, selection and/or assessment process, please inform Human Resources of the nature of any accommodation(s) that you may require in respect of any materials or processes used to ensure your equal participation.



Find your rewarding career at the City of Mississauga.

jobs.mississauga.ca

 **MISSISSAUGA**