



We're building change in Brampton.

The urban centre we serve is one of the youngest, fastest growing, most diverse cities in the country. We're aiming high and thinking big, to position Brampton as an emergent global city of the future.

Leaders in our organization understand success requires passion, creativity and agility. We value progress over process. We hold each other accountable. We are a team who is engaged, excited and empowered to deliver results for Brampton.

TRANSPORTATION PLANNER, MODELLING & ANALYTICS

AREA OF RESPONSIBILITY:

Reporting to the Senior Manager, Transportation Planning, this position is responsible for researching, developing and maintaining transportation forecasting and modelling capabilities for the City, and applying transportation models and other specialized analysis to support policies and guide implementation of multimodal transportation solutions. Periodically provides direction and guidance to technical staff, clerical staff & students.

- Develop innovative applications that support a multi-modal approach to transportation planning, consistent with the City's Strategic Plan and Transportation Master Plan
- Direct the application of transportation models and analytics to planning, engineering and transit studies.
- Maintain, modify and operate a computerized travel demand forecasting model.
- Keep current with technical advances and knowledge of transportation modelling issues, methods and techniques, and update the City's modelling needs accordingly.
- Conduct transportation network analysis to support the implementation of a multi-modal transportation network for the City, including updates to the City's Official Plan, Transportation Master Plan, Development Charges By-law, and other studies.
- Produce, interpret and communicate the results and the transportation and land use implications from modelling assignments to support Environmental Assessment studies, benefits/business case analyses and traffic impact studies.
- Participate in studies dealing with transportation planning matters conducted by the City, other agencies, or consultants by directing the application of the City's transportation modelling, providing relevant data and information for these studies, and reviewing the findings of these studies. Provide comments in terms of modelling needs, methodologies, capacity analyses and transportation planning.
- Undertake research to support the continual development of the City's travel demand forecasting model. Assess and make recommendations on transportation modelling software, planning modelling systems, or access to other GTA transportation models.
- Maintain a transportation monitoring program, including assembly and manipulation of a variety of data inputs, and establishing and maintaining a transportation planning information database for Brampton, adjacent municipalities, other agencies, and the public, dealing with historical employment and population projections, and transportation network characteristics and factors
- Liaise with other City Departments and external agencies in developing and implementing the City's transportation modelling program.
- Represent the Transportation Planning Division on internal and external committees for transportation planning projects and studies.
- Attend and represent the Transportation Planning Division at Council, Committees, public meetings, Ontario Municipal Board hearings, as needed.

- Provide professional and technical expertise on transportation modelling and planning matters in response to requests from various stakeholders.
- Performs additional related and similar duties, as assigned.

SELECTION CRITERIA:

- High School (Grade 12) graduation plus an additional program of three to four years in Civil Engineering, Urban Planning or equivalent.
- Over four (4) years, up to and including eight (8) years of experience in transportation planning and travel demand modelling.
- Master's Degree, Professional Engineer (P.Eng), Registered Professional Planner (R.P.P.) an asset.
- Sound knowledge in transportation demand/supply modelling techniques and understanding of computer software relating to transportation planning, travel demand models, traffic simulation, and statistical analysis.
- Experience in managing transportation and data research projects an asset.
- Experience in the use of database management systems, statistical packages, and transportation planning software.
- Excellent interpersonal skills with the ability to communicate both verbally and in writing at all levels of the organization.
- Ability to work in a multidisciplinary team setting using well-developed communications, analytical, problem-solving and computer skills.
- Ability to work independently and to self-manage in a timely and organized fashion.
- Familiarity with provincial, regional, and local planning/transportation policy, and with multimodal transportation best-practices, including transit and active transportation.

Exciting things are happening at the City of Brampton. Watch our [Join Our Team](#) video to hear what our employees say about working here. For insight about Brampton's future, take a peek at what [renowned urban planner Larry Beasley](#) has to say.

***Various tests and/or exams may be administered as part of the selection criteria.*

***Starting Salary: \$76,421.80 per year*

Job status: Permanent

Job Type: Union

Applications must be received by: June 20, 2018

Alternate formats will be provided upon request.

If this opportunity matches your interest and experience, please apply online at: www.brampton.ca/employment quoting **reference #102968 by June 20, 2018** and complete the attached questionnaire. We thank all applicants; however, only those selected for an interview will be contacted. The successful candidate(s) will be required, as a condition of employment, to execute a written employment agreement.

Please be advised, the City of Brampton uses email to communicate with their applicants for open job competitions. It is the applicant's responsibility to include an updated email address that is checked daily and accepts emails from unknown users. As we send time sensitive correspondence via email (i.e. testing bookings, interview dates), it is imperative that applicants check their email regularly. If we do not hear back from applicants, we will assume that you are no longer interested in the Job Competition and your application will be removed from the Competition.

The City is an equal opportunity employer. We are committed to inclusive, barrier-free recruitment and selection processes and work environments. If you are contacted for a job opportunity, please advise the Human Resources Division of any accommodations needed to ensure you have access to a fair and equitable process. Any information received relating to accommodation will be addressed confidentially.