

Recruitment Details

***The City of Winnipeg is a vibrant and dynamic organization with many opportunities!
We offer a diverse and welcoming work environment that delivers quality services to our citizens.***

Traffic Signals Engineer

Public Works Department

Posting No: 117365

Closing Date: January 4, 2019

Job Profile

The Traffic Signals Engineer is the branch head for the Traffic Signals Branch in the Transportation Division of the Public Works Department at the City of Winnipeg. The Traffic Signals Engineer is responsible for delivery of Traffic signal control systems design, installation, operations and maintenance within Council Policy and approved budget. As the branch head this position is also responsible for human resource management functions and budget/financial management.

The Traffic Signals Branch includes the new Transportation Management Centre (TMC), a traffic nerve centre that monitors 650 signalized intersections across the city and can remotely respond in real-time to signal malfunctions and unexpected traffic incidents to improve traffic flow as well as provide real-time traffic information to drivers through the Waze app and social media. The TMC is one of several elements that make this branch a dynamic and innovative place to work.

As the Traffic Signals Engineer you will:

- Provide leadership and oversight of the Traffic Signals Branch
- Deliver services within Council Policy and approved budget related to system design, installation, operations and maintenance:
 - Traffic signal control systems;
 - Traffic signal plant;
 - Pedestrian corridor design;
 - Illuminated signs;
 - Intelligent transportation systems;
 - Data science and other innovative programs related to the role of Signals in a "smart city"
- Provides recommendations such as policies for approval;
- Ensures traffic signal operation for the City of Winnipeg is cost-effective, balancing safety and efficiency.
- Prepares annual and long-range operating/capital budgets for traffic signals, pedestrian corridors and all other electrical traffic control devices.
- Prepares reports for the consideration of senior management.
- Supervision and leadership of staff involving human resource functions such as recruitment, and management of staff.
- Input to the career development of other staff including providing technical direction, training recommendations, coaching and mentoring.
- Represents Public Works Department on City-wide committees, in court proceedings, and attending public and community committee meetings when required.
- Investigates and evaluates new traffic-related technology for possible introduction in Winnipeg
- Interdisciplinary project work with other branches within Transportation as required, as well as with other Divisions of Public Works and other departments such as Transit.

Your education and qualifications include:

- Bachelor's Degree in Mechanical, or Civil Engineering.
- Experience applying transportation engineering and transportation planning theory and principles.

- Significant progressive experience (approximately 5-10 years) with traffic signal control systems design and signal/corridor optimization.
- Experience working with intelligent transportation system technologies.
- Experience in research, planning, implementation, policy development, and delivery of operational services.
- Experience in financial management of operating and capital budget development, monitoring systems and analysis.
- Significant experience leading and directing a dynamic and diverse group of professionals and technical employees.
- Superior interpersonal skills with the ability to establish and maintain positive working relationships with internal and external stakeholders.
- Ability to analyze complex issues and make recommendations based on sound judgment.
- Ability to lead and mentor staff and promote an organizational culture conducive to the development of a technical workforce.
- Strong political acumen with the ability to be a representative of the department and The City of Winnipeg.
- Superior verbal communication and public presentations skills, with the ability to communicate effectively with diverse stakeholders (elected officials, civic staff, the public, volunteer and community organizations, etc.)
- Effective written communication skills with the ability to prepare comprehensive technical and non-technical reports.
- Proficiency with Microsoft Office software (Word, Excel, Outlook, and Access).
- Proficiency in Synchro/SimTraffic.
- Knowledge of other transportation software (e.g. microsimulation software) would be an asset.
- Experience supervising and managing staff in a unionized environment is an asset.
- Experience managing a 24/7/365 environment is an asset.

Conditions of employment:

- Eligible for registration as a Professional Engineer with Engineers Geoscientists Manitoba.
- Must possess and maintain a valid Manitoba Class 5 driver's license.
- A Police Information Check (formerly the Criminal Record Check) satisfactory to the Employer will be required from the successful candidate, at their expense.
- Must be able to provide a vehicle for transportation while on City business, subject to the City of Winnipeg Local City Business Travel Administrative Standard.

CORE COMPETENCIES for ALL EMPLOYEES OF THE CITY OF WINNIPEG:

- Citizen & Customer Focus
- Respecting Diversity
- Ethics and Values
- Integrity and Trust
- Results Oriented

How To Apply

APPLY ONLINE, including all documentation listed below:

1. Current resume AND/OR Application Form **(Required)**.

Applications submitted without REQUIRED documentation will not be considered.

If you do NOT have access to a computer/email, please apply, including all documentation listed above, to: Staffing Branch, HR Services, Main Floor – 510 Main Street, Winnipeg, MB by **4:30 P.M., January 4, 2019**.

Notes

Online applications can be submitted at <http://www.winnipeg.ca/hr/>. For instructions on how to apply and how to attach required documents please refer to our [FAQ's](#) or contact

311. The City of Winnipeg uses the [Korn Ferry Leadership Architect Competency Model](#) as part of the recruitment process.

The salary range for this position is **\$90,059.60 - \$121,140.83 annually (WAPSO Grade 6)**.

We have great benefits and competitive salaries, and we are committed to ongoing learning and career development!

WE SEEK DIVERSITY IN OUR WORKPLACE. INDIGENOUS PERSONS, WOMEN, VISIBLE MINORITIES, AND PERSONS WITH A DISABILITY ARE ENCOURAGED TO SELF-DECLARE.

Only candidates selected for interviews will be contacted. Requests for Reasonable Accommodation will be accepted during the hiring process.