

Project Engineer - Land Drainage & Flood Protection

Department: Land Drainage & Flood Protection Branch, Engineering Services, Water and Waste Department

Designated Work Location: 1199 Pacific Avenue, Hybrid

Position Type: Permanent, Full-time

Hours of Work: 8:30 a.m. to 4:30 p.m., Monday to Friday

Salary: \$85,834.69 to \$115,293.49 annually, W.A.P.S.O. Grade 4

Employee Group: W.A.P.S.O.

Posting No: 127233

Closing Date: August 20, 2026

Providing a wide range of services to over half of all Manitobans, The City of Winnipeg is one of the largest employers in Manitoba. We provide a comprehensive range of benefits and career opportunities to our employees. These include competitive salaries, employer-paid benefits, dental and vision care, pension plans, and maternity/parental leave programs. Additionally, we offer education, training, and staff development opportunities to ensure that our employees are equipped with the necessary skills to advance in their careers.

Our Benefits web page provides detailed information about the benefits we offer, and we encourage you to visit it for further information at [City of Winnipeg Benefits](#). We take pride in fostering a [respectful](#), [diverse](#), safe, and healthy workplace where our employees can thrive and achieve their full potential.

Flexible work arrangements, which may include flexible hours, remote work, or a hybrid of remote work may be available; subject to review and approval. Please note that Employees who are approved to work remotely are responsible for and must demonstrate that they are available to return to their Designated Work Location and/or other work location to attend meetings or attend other tasks that occur in person.

The City is committed to attracting and retaining a diverse, skilled workforce that is representative and reflective of the community we serve. Applications are encouraged from equity groups that have been and continue to be underrepresented at the City; Indigenous Peoples, Women, Racialized Peoples, Persons with Disabilities, 2SLGBTQQIA+ Peoples and Newcomers are encouraged to self-declare.

For the purpose of this recruitment, Equity may be a factor in selection. Consideration will be given to Indigenous Peoples, Women, Racialized Peoples, Persons with Disabilities, 2SLGBTQQIA+ Peoples and Newcomers.

In accordance with the applicable collective agreement(s), recruitment and promotion provisions will be considered prior to applying equity strategies. Where permitted, consideration will be given to qualified applicants who self-identify as members of the equity group(s) listed above.

Requests for Reasonable Accommodation will be accepted during the hiring process.

Preference to internal applicants may be applied.

Job Profile

Under the direction of the Branch Senior Project Engineer, the Project Engineer carries out project management and administration for projects in flooding relief and land drainage. The Project Engineer is responsible for the execution, completion and implementation of capital projects including planning, design, consultant selection, contract administration, start-up and turnover. The Project Engineer is also responsible for assisting with annual flood planning activities and for reviewing permits and other applications for flood protection requirements and compliance with the Designated Floodway Fringe Area Regulations, by-laws, or other City standards.

As the *Land Drainage & Flood Protection Project Engineer*, you will:

1. Provide overall management and coordination for a project by guiding its direction, managing resources and budgets, overseeing timelines, addressing risks, ensuring effective communication, securing necessary external goods and services, and obtaining required approvals or permits from relevant City and Provincial departments to deliver successful outcomes that meet organizational expectations.
2. Approve permits and other applications for flood protection requirements ensuring compliance with the Designated Floodway Fringe Area Regulations, by-laws, or other City standards.
3. Participate in flood protection response and planning for the City of Winnipeg by analyzing data and conducting field investigations to assess annual flood risks and coordinates emergency preparations across City departments. Additionally, supports the implementation of proactive protection measures and maintains critical resources like the City's Flood Manual.
4. Provide engineering services for the upgrading of existing and/or the construction of new facilities and equipment and other services, as required.

Your education and qualifications include:

1. Bachelor's Degree in Engineering.
2. Minimum of 4 years of related experience.
3. Experience preparing engineering reports and making recommendations.
4. Experience with project management processes and procedures, coordinating / planning work for professional staff, project accounting and cost management, scheduling, resource management, risk management, dispute avoidance and dispute resolution.
5. Knowledge of water, sewer, land drainage and flood protection servicing principles, including river hydraulic modelling using software such as HEC-RAS.
6. Analytical and problem-solving skills with the ability to be flexible and active in developing innovative methodologies.
7. Ability to work independently, managing competing priorities, under pressure and make timely decisions with limited information.
8. Ability to establish and maintain positive working relationships with employees at all levels of the organization, external contacts and the public, effectively influencing outcomes through negotiation and teamwork, in accordance with the Respectful Workplace Standard.
9. Demonstrated computer skills using MS Office, excel databases and spreadsheets evaluating complex/large datasets.
10. Ability to communicate effectively both verbally and in writing.
11. Ability to analyze risks and accept risks where appropriate.
12. Strong organization skills with proven ability to set priorities and meet deadlines under pressure.

13. Knowledge of Provincial Regulations, City By-Laws, and City Standards.

***IMPORTANT:** Applicants who have been educated outside of Canada must have education which is comparable to the minimum qualification in Canada. Applicants submitting foreign credentials require an official academic assessment report issued by a recognized [Canadian assessment service](https://canalliance.org/en/) <https://canalliance.org/en/> at application.

Conditions of employment:

1. The successful candidate must maintain legal eligibility to work in Canada. If the successful candidate possesses a work permit, it is their responsibility to ensure the permit remains valid.
2. Professional Engineer designation and eligible for registration with Engineers Geoscientists Manitoba (E.G.M.)
3. Police Information Check satisfactory to the employer will be required from the successful candidate, at their expense. To obtain a Police Information Check, please visit www.winnipeg.ca/police.
4. Must possess and maintain a valid Manitoba Class 5 Driver's Licence.

APPLY ONLINE, including all documentation listed below:

1. Current resume (**Required**).
2. Cover letter.
3. Applications submitted without REQUIRED documentation will not be considered.

Your application documents must clearly indicate how you meet the qualifications of the position.

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](#).

Position Reports To: Senior Project Engineer

1. Applicants may be required to undergo testing to determine their knowledge, abilities, and skills as they relate to the qualifications of the position.
2. The successful applicant will be required to provide a Notice of Driver's License In Force document upon request.
3. The successful applicant will be required to complete job specific training required for this position as directed.

Only candidates selected for interviews will be contacted.