

Senior Project Engineer – Land Drainage / Flood Planning

Department: Engineering Services, Water and Waste Department

Designated Work Location: 1199 Pacific Avenue - Hybrid

Position Type: Permanent, Full-time

Hours of Work: 8:30 am to 4:30 pm, Monday to Friday or as required/assigned

Salary: \$85,566.26 - \$115,191.21 annually, W.A.P.S.O. Grade 5

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

Posting No.: 126232

Closing Date: September 15, 2025

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. Applicants from equity groups that have been and continue to be underrepresented at the City are encouraged to apply. Indigenous Peoples, Women, Racialized Peoples, Persons with Disabilities, 2SLGBTQQIA+ Peoples, and Newcomers are encouraged to self-declare in the online application.

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 Land Drainage and Flood Protection Branch Head, the Senior Project Engineer is responsible for the execution, completion and implementation of capital projects including project definition, consultant selection, project management, administration, coordination, startup and turnover. Projects include engineering studies, designs, construction and contract administration for upgrading and expansion to water supply, treatment and distribution, wastewater collection and treatment, land drainage and solid waste disposal system.

As the Senior Project Engineer, you will:

1. Initiate projects and ensure execution and products conform to Department and City-wide broad objectives and needs.
2. Ensure technical approach complies with appropriate standards and conforms with project objectives.
3. Administer human resources.
4. Administer capital budgets and expenditures.
5. Administer project schedules.
6. Disseminate and receive project information.
7. Acquire goods and services from outside organizations.
8. Develop, initiate and administer risk management procedures.
9. Coordinate project execution, approvals and implementation.
10. Provides other services as required.

Your education and qualifications include:

1. Bachelor's Degree in Science (Civil, Mechanical, or Biosystems Engineering).
2. Master's Degree in Environmental / Civil Engineering is preferred.
3. 7 years prior experience in a field directly related to the duties of the position.
4. Experience in engineering planning, design and construction, project management and contract administration.
5. Must have strong demonstrated problem solving and analytical abilities.
6. Must have strong interpersonal skills, including leadership, and ability to work in teams, facilitate teambuilding, conduct meetings and strong negotiation skills.
7. Must be proficient at technical writing.
8. Must have demonstrated technical and non-technical oral communication ability.
9. Must have basic computer skills, including keyboarding, word processing and spreadsheets.
10. Must have knowledge of project management processes and procedures, including project accounting and cost management, scheduling, resource management, risk management, dispute avoidance and dispute resolution.
11. Must be familiar with relevant municipal government policies and procedures, including purchasing policies, and legal and contractual requirements.
12. Must be familiar with municipal infrastructure and operations, including water and wastewater treatment process operations, collection and distribution and servicing.
13. Must have knowledge of construction materials, methods and practices, including job site safety.
14. Must be able to deal effectively with the public.

***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. A Police Record Check satisfactory to the employer will be required from the successful candidate, at their expense.

3. Must possess and maintain a valid Class 5 Manitoba Driver's License. The successful applicant will be required to provide a driver's notice in force document upon request.
4. Professional Engineer designation and eligible for registration with Engineers Geoscientists Manitoba, (E.G.M.).

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: Land Drainage and Flood Protection Branch Head

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 vehicle for transportation while on City business, subject to the terms and conditions of the City Transportation Policy.
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.