

Located an hour east of Toronto, the thriving Southeastern Ontario community of Northumberland County has a rich history of agricultural production, world-class manufacturing, and economic viability. As the upper tier of municipal government, we weave together seven diverse yet complementary municipalities.

Currently, we are looking to fill the following existing vacancy:

Senior Engineering Technician

Permanent, full-time position

Under the supervision of the Manager of Infrastructure, you will be responsible for the completion of field surveys, and design of road alignments, drainage systems including culvert and ditch profiles, road widening, intersection improvements, and cycling lanes using AutoCAD Civil 3D. You will assist with preparing engineering and construction specifications, tenders and request for proposals/quotations as well as preparing funding and grant applications for construction projects. You will assist in the maintenance of asset management inventories, conduct site inspections and data analysis, and assist with inspections of ongoing maintenance operations and capital works to measure conformity to standards and specifications. You will also be involved in various studies and investigations for roads, bridges, cycling and traffic safety, and receive, investigate, and respond to public requests and inquiries.

Qualifications & skills:

- You are a graduate of a Civil Engineering Technology or Construction Technician program from a recognized Community College with or eligible for CET designation.
- A minimum of seven (7) years' relevant engineering design and construction related experience in public works, roads, and waste management.
- Demonstrated understanding of engineering theories and principles.
- Demonstrated use of survey instruments including electronic total station, data collector, level and GPS measuring equipment along with Microsoft Office, AutoCAD and ESRI products is required.
- Knowledge of civil engineering principles and practices including design, construction and inspection as applied to complex projects; principles of hydrology, hydraulics, strength of materials; principles of traffic, transportation, highway engineering and design, landfill design including leachate collection and site optimization.
- Excellent verbal and written communication and conflict resolution skills, along with strong problem-solving skills, customer service skills, and demonstrated interpersonal skills.
- Proficiency with computer software applications including Microsoft Office Suite, ESRI (including City Works), ArcGIS suite of software, and AutoCad Civil 3D.
- Relational skills are required to ensure effective corporate representation during presentation or spoken communication and written reports, memos and letters to permit interaction with internal staff and external clients and members of the public.
- Conflict management skills are required when negotiating with contractors on construction deficiencies or payments.
- Knowledge of the Occupational Health & Safety Act and the regulations that apply including traffic control, WHMIS and First Aid.

A valid Class G driver's license with a clean abstract and access to a personal vehicle is required. A 3 year uncertified driver's record obtained from Service Ontario must be submitted with your resume. **Resumes submitted without an acceptable driver's abstract will not be reviewed.**

The successful candidate will be required to submit a satisfactory criminal background check prior to the commencement of employment. We thank all applicants for their interest, however, only those selected for an interview will be notified.

When emailing your application, please indicate what source you found this posting in and please ensure your cover letter, résumé, and any other supporting documents are submitted in one file (preferably MS Word (.doc or .docx) or Adobe (.pdf)). Please also indicate in your cover letter your preferred method of contact: text, email, or phone call.

We invite you to submit your application **by 4:30pm on Friday, November 26, 2021** to:
Human Resources
County of Northumberland
555 Courthouse Road
Cobourg, ON K9A 5J6
Email: hr@northumberland.ca
Fax: 905-372-3046

Please note that accommodations are available, upon request, to support applicants with disabilities throughout the recruitment process. Please e-mail your request to accessibility@northumberland.ca or call 905-372-3329 ext. 2327. Alternative formats of this job posting are available upon request.

Personal information collected through the recruitment process will be used solely for the purpose of candidate selection, in accordance with the Municipal Freedom of Information and Protection of Privacy Act.