

Job title: Intermediate Project Engineer

Location: Barrie, ON

Date: July 11, 2024

Employment: Full-Time

Department: Engineering

Reports To: Senior Project Engineer

Who Are We Looking For?

Are you a creative thinker with a passion for not only problem-solving and designing, but some understanding of the planning/engineering behind the design? Is a flexible and casual work environment with advanced technology appealing to you? Does working in the City of Barrie, Canada's ultimate playground, offering beaches, forest trails, parks and slopes, appeal to your adventurous nature?

...Then Consider Joining Us!

Skelton Brumwell & Associates - where 'innovation and integrity' are fundamental elements in both our client projects and with our employees.

Here's How You Can Be a Winner at SBA

Can-Do Attitude: You are resilient with a positive attitude and strong work ethic. You respond to changing priorities with urgency and work effectively under pressure to deliver on customer expectations.

Communicate Openly and Often: When completing an assigned task or project, make your manager aware. When challenges and time conflicts become evident keep the rest of them up-to-date and seek guidance on how to prioritize.

Curiosity: You thrive in a fast-paced environment, ask questions, and seek out answers. You challenge the status quo, drive innovation, embrace change, and constantly look for ways for improvement.

Results Driven: You are a practical problem-solver. You use active listening, common sense, and available evidence to create workable solutions and meet deadlines.

Team Player Mentality: As a collaborative team player, you build effective working relationships across all levels of our organization to promote open dialogue. Your humility and optimism inspire others and drive team success.

Here's the Role:

Site Plan Design:

- Design and draft (AutoCAD) Site Plans for development proposals under the *Planning Act*
- Obtain and compile information such as mapping, aerial photography, Land Information Ontario Resources, legal surveys, etc.
- Terrain Modeling (Civil 3D)
- Volume Calculations (Civil 3D)

Civil Design:

- Site Grading, Site Servicing and Stormwater Management design/drafting (Civil 3D)
- Design of Water Distribution Systems, Sanitary Sewers and Small Sewage Treatment Systems
- Stormwater management design calculations (Rational Method and Otthymo)
- Low Impact Development (LID) Practice modelling and design
- Traffic Impact Studies
- Field visits and site inspections during construction works to verify conformance with design and address site conflicts.

Build Relationships:

- Collaborate with team members to design optimal solutions.
- Build and maintain important relationships with both our staff and our clients.

Here Are the Necessary Skills You Will Need...

Technical and Design Skills:

- Strong proficiency in AutoCAD, Civil 3D
- Visual Otthymo (or other hydrological modelling software), LID TTT (by TRCA, CVCA, LSRCA)
- Strong proficiency with MS Word and Excel
- Familiarity with the integration of topographic mapping, surveys, and other digital resources
- Proven ability to create innovative designs.
- Experience in Civil Construction (hands on and/or through past work experience including co-op placements)

Reporting and Presentation Skills:

- Solid reporting, analytical and problem-solving skills.
- Well-developed communication, presentation and interpersonal skills required to collaborate with cross-functional teams.
- Attentive to detail and organized.
- Ability to liaise directly with clients, approval agency staff and contractors in a project management role.

Education and Qualifications

- Bachelor's Degree in Engineering from accredited Canadian University or equivalent
- Registered with PEO as a Professional Engineer

Preferred Experience:

- 5 years experience in municipal civil engineering design with an emphasis on stormwater management.
- Experience in municipal/civil construction; either hands on experience or through co-op placements and conducting field inspections.

Here's What We Offer in Return...

SBA is not only a place where innovative minds thrive and integrity dominants, but a place where employees are recognized for their hard work, values, and ethics. Our employees are important to us and we take pride in rewarding them for their ingenuity and integrity.

We offer all permanent full-time employees:

- Competitive compensation, including time banking;
- Group health benefits coverage;
- RRSP matching program;
- Physical activity compensation program;
- Health Care Spending Account; and,
- Annual Profit-sharing.

SBA is a progressive but relaxed workplace with a focus on its employees and their lifestyle. We work hard and diligently for our clients, while recognizing the need and encouraging staff to balance their efforts and enjoy life away from the office as well.

Here's How to Apply...

Please forward your resume complete with references to sbrumwell@skeltonbrumwell.ca referencing 'Intermediate Project Engineer' in the subject line.