



Job Title: Senior Drafter

Location: Remote - reporting to TSI Inc.'s Kingston office

Start Date: Immediately

Reports To: Lead Bridge Engineer

Job Type: Remote but some field work may be required

About TSI Inc.:

TSI Inc. is a leading consulting engineering firm that develops and manages critical infrastructure projects. With decades of experience serving government agencies, private enterprises, and communities, we have earned a reputation for delivering innovative and sustainable solutions that enhance the quality of life and promote economic growth. We specialize in transportation infrastructure, structural engineering, water resources management, environmental engineering, municipal infrastructure and infrastructure inspection and assessments.

We are committed to delivering engineering excellence and contributing to a sustainable future for our communities. Our dedication to quality, innovation, and client partnership drives us to exceed expectations and deliver projects that have a lasting positive impact.

Why work at TSI Inc.:

Join the TSI Inc. team and become part of a dynamic group shaping the future of infrastructure. We offer a collaborative environment where your expertise is valued, and your ideas are encouraged. At TSI Inc., you'll work on challenging and rewarding projects, gaining valuable experience and professional development opportunities.

Position Overview:

TSI Inc. is seeking a Senior Drafter with extensive experience in bridge engineering to join our team. The successful candidate will be responsible for preparing high-quality technical drawings, collaborating with engineers, providing mentorship and support to junior drafters, and ensuring compliance with industry standards and project requirements. This role requires strong proficiency in CAD software and a deep understanding of bridge and culvert design and detailing, especially details used in Ontario

Key Responsibilities:

- Develop and produce detailed drawings, plans, and layouts for bridge and transportation structures.
- Collaborate closely with engineers to interpret design specifications and requirements.
- Ensure all drawings adhere to relevant codes, standards, and project guidelines.
- Review and revise drawings as necessary based on feedback from engineers and project managers.
- Maintain organized documentation and version control of drawings.
- Coordinate with multidisciplinary teams to integrate structural, geotechnical, and environmental aspects into bridge designs.
- Assist in preparing quantity take-offs and material lists.
- Mentor junior drafters and provide guidance on drafting best practices.

**Qualifications:**

- Degree in Civil Engineering and/or a college diploma in Civil Engineering Technology or a related program
- Minimum of 5 years' experience working in a Bridge Engineering or Structural engineering related CAD role for replacement and rehabilitation projects.
- Familiar with details of bridges, culverts, and retaining walls in Ontario
- Proficient in using design software, including AutoCAD, Civil 3D, and Microstation. Utilizes AutoCAD, Civil 3D, and Microstation to prepare difficult and complex layouts and design drawings utilizing theoretical and practical design knowledge
- Able to work in a fast-paced environment with flexible hours to meet strict deadlines
- Able to work well as part of a team or on an individual basis
- Must have strong attention to detail
- Proficient with Microsoft Office programs (Word, Excel, Outlook)
- Possess strong organizational, technical, time management, leadership, communication, and multi-tasking skills
- Highly motivated with a results-oriented focus
- Experience with MTO Manual details such as Structural Manual is an asset.
- Excellent verbal and written communication skills in English

Benefits:

We Offer:

- Competitive salary and benefits plan
- A fantastic culture, team, and energy to work with
- Flexible working hours
- Coaching and mentoring programs

How to Apply:

Interested candidates should submit their resume and a cover letter detailing their qualifications and experience to hr@tsigroup.ca.

Please note: The successful applicant will be reporting to the Kingston office

Application deadline:

Applications will be reviewed on a rolling basis. The position will remain open until filled.

Equal Opportunity Statement:

TSI Inc. is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.