



30 Bayberry Cres.  
Toronto, ON M2K 1T8  
Tel: (647) 236-4791  
[info@tsigroup.ca](mailto:info@tsigroup.ca)  
[www.tsigroup.ca](http://www.tsigroup.ca)

**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 professional consulting engineering firm that provides innovative solutions to complex infrastructure challenges. We specialize in transportation infrastructure projects such as roads, bridges, waterway structures, culverts, retaining walls, and municipal and structural engineering services.

Our mission is to provide innovative and sustainable engineering solutions and we are committed to delivering exceptional service, value, and results to our clients while fostering a culture of excellence, integrity, and respect for the environment. We strive to be leaders in our industry by continuously improving our processes, technologies, and skills to meet the evolving needs of our clients and society.

#### **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.

We are committed to fostering a culture of innovation and sustainability, and we believe in the power of engineering to positively impact our communities.

#### **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.



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- 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, benefits plan, and company pension 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](mailto: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.