

CAREER OPPORTUNITY



POSITION TITLE Structural CAD Lead

STATUS Permanent, Full Time

LOCATION Vancouver, BC

About McElhanney

Based in Western Canada for over 100 years, McElhanney offers innovative and practical engineering, surveying, mapping, planning, landscape architecture, and environmental services. As a 100% employee owned and operated firm, with over 1,000 staff members, we are proud to offer qualified staff with shareholding options in our company. Our teams work hard to build strong connections with our staff, clients, and local communities.

Our award-winning engineers embrace a trailblazing spirit by challenging conventional thinking, questioning the status-quo and expressing our passion to use engineering to make the world a better place. We recognize that our projects must serve the interests of our communities for the long term. Therefore, our teams specialize in bridges and structures, transportation, municipal infrastructure & roadways, water resources, land development, geotechnical, construction and electrical engineering services. From senior management to our most junior recruits, we are partners in solving our clients' challenges.

Role Overview

McElhanney Consulting Surveying Ltd. has an opportunity for a Structural CAD Lead to join our team in Vancouver! This role is ideal for someone who is looking for a challenging opportunity comprising technical leadership and Structural Drafting skills to be utilized on a wide variety of bridge design projects, including but not limited to highway bridges, transit structures, and long span bridges. In this role, you will have the opportunity to work alongside a team of 20 plus engineers on a wide variety of bridge design projects.

Responsibilities

- Technical leadership for the bridge drafting group
- Detailed drafting of steel, concrete and timber bridges including for wide variety of bridge projects, including erection engineering and shop drawings
- Leading the drafting group in the preparation of engineering plans according to client-specific standards, using primarily AutoCAD, as well as other technical software as needed
- Assist junior drafters in the production of engineering plans and tender documents for structural bridge projects
- Coordinate with other drafting and engineering team members to ensure schedules, budgets and quality control standards are achieved
- Collaborate with other disciplines both internally and externally
- Assisting in improving AutoCAD standards for structural drafting
- Provide help with carrying out CAD staff yearly performance reviews
- Seek to identify future needs and help grow the drafting group as and when needed



Requirements

- Certificate or Diploma in Civil Engineering Technology is an asset
- 10 plus years' experience in structural drafting and design
- Registration as an A.Sc.T. or other technical accreditations is an asset
- Technical leadership and mentoring abilities related to drafting
- Ability to coordinate with engineers and other drafters in the team is essential
- Experience with, and ability to interpret multi-jurisdictional CAD standards, and setting up and implementation of appropriate templates is essential
- An understanding of highway geometric design is an asset
- Experience in Civil 3D/Revit and MicroStation experience is an asset
- Advanced proficiency in AutoCAD Software is essential
- Excellent attention to detail and drive for excellence
- Effective verbal and written communication skills are a must
- Ability to work without supervision as well as within a busy and close-knit team environment



If this is the opportunity for you, apply now or visit www.mcelhanney.com/careers to apply online. We thank all applicants for their interest; however, only shortlisted candidates will be contacted.

McElhanney's Vancouver office is conveniently situated right downtown – close proximity to transit, shopping, and access to virtually any other amenity that you may require makes this a great place to work. In this location are operational branches including civil and structural engineering, surveying, and mapping, as well as the Corporate branch, which houses the Executive group as well as central services such as Marketing, Human Resources, and Safety.