



**Mosaic Transit Constructors (Mosaic) - a consortium comprised of Aecon, Dragados, and Dufferin – is partnering with Metrolinx and Infrastructure Ontario to design, build and maintain the transformative Finch West Light Rail Transit (LRT) system in the City of Toronto.**

**Position:** CAD Drafter/Survey Calculator

**Reports to:** Survey Manager

**Role Location:** Toronto, ON

**Summary of Position:**

Under the direction of the Survey Manager, the CAD Drafter/Survey Calculator will be responsible for supporting the project.

**Responsibilities:**

- Completion of basic design drawings, quantity calculations and as-built drawings for various types of utility projects using various software packages (e.g. AutoCAD, MicroStation, AutoCAD Civil 3D)
- Collaborating with Designers to ensure accuracy of drawings
- Working with permit drawings and city websites to understand the full scope of the drawing
- Liaises with designers and field staff to problem solve
- Create CAD drawings from concept to final design
- Assist in field surveys if necessary
- Establish a working relationship with contractors, field staff and office staff
- Prepare & design alignment, profiles, sections, corridors using AutoCAD Civil3D
- Processing field data and computer-generated survey information
- Ensuring plans are in compliance with Metrolinx standards and drafting requirements
- Preparing pre-engineering, topographic plans.
- Ability to travel for projects
- Other duties as assigned.

**Requirements:**

- Minimum of 3 years of AutoCAD drafting experience along with a strong Survey background.
- Post-secondary education in Civil Technology diploma is preferred
- Familiarity with 3D piping design software is a strong asset
- Strong proficiency with AutoCAD Civil 3D software and experience customizing AutoCAD, scripts, tools and Menu's.
- Basic understanding of Metrolinx and municipality standards is considered an asset.
- Experience with highway, rail and other civil structures and Utilities considered an asset
- Ability to read and draft Survey, Boundary and ROW plans considered an asset.
- Proficient with the use of computers and software, including MS Office (Word, Excel).



- Good understanding of how to read civil engineering drawings and site plans.
- MicroStation experience considered an asset
- Excellent verbal, written and communication skills
- Ability to work with minimal supervision
- Self-motivated, ability to learn new skills, assume new responsibilities and work cooperatively in a team environment

**Working Conditions/ Physical Effort:**

- Able to perform in a fast-paced environment
- Prolonged sedentary positioning
- Walking, lifting, equipment operation, etc.
- Moderate physical activities
- Ability to use stairs, ladders and climb over rough terrain
- Primary work location is the Project site for Mosaic Transit Group

We offer a competitive compensation and benefits package in a fast-paced work environment. We are looking for innovative, forward-thinking people who enjoy challenges and want to work on leading-edge infrastructure projects.

We thank all applicants for their interest, however, only those selected for further consideration will be contacted.

To apply for this position, please submit resume online by clicking here: [workforce@mosaictransit.com](mailto:workforce@mosaictransit.com)