



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 Menus.
- 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.

To apply for this position, please submit resume online to: workforce@mosaictransit.com

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