

# CAD TECHNICIAN

*Come work at a rapidly growing engineering firm that is staffed with industry experts, has great benefits, and prides itself on developing our people.*

## The Company

Planview Utility Services is an engineering firm that provides engineering design, sub-surface investigation and geographical information related services to telecommunication companies and electric utilities. Our workforce is a mix of veterans of the industry and youthful enthusiastic technical resources. We have pride in our collegial culture and host multiple regular corporate sponsored social activities. Our embrace of the use of technology plays a large part in our success.

## The Position

We are currently seeking a qualified CAD Technicians for our growing team. This candidate will be responsible for the production of computer aided drawings from concept to final design for aerial and underground infrastructure projects. This individual will work closely with project coordinators, clients, design technicians, engineers and must possess excellent communication skills.

## Responsibilities

- Drafts and designs new plant extension and as-builts utilizing the client specific software
- Produce various maps for permitting and design requirements
- Updates RF and/or Fibre Design databases and maintains system maps including base map, cable, fiber routes, addresses & RF design including commercial, SFU, MDU, FTTC, FTTH, FTTB node profiles & powering data
- Executes system design by gathering information from project staff, calculate powering and level analysis and selecting appropriate location for power supplies & nodes
- Provides drawings and details in both CAD based platforms and other media to determine and display design criteria
- Imports AutoCAD, TIFF or other file formats and hard copy maps to create electronic base maps for road bases, MDU's & strand routing
- Designs fibre optic communications network and Cable TV system to client design specifications
- Incorporates field and as-built changes from draft prints to the system database
- Communicates with the Permit Department and Coordinators in order to gather and provide accurate information with regards to construction design
- Determine method to design the plant changes with minimal impact to the system/customer and minimize related construction cost and ensures quality of design
- Complete projects within prescribed time limits and within budget
- Works closely with GIS, CAD Staff, Project Coordinators and other internal resources to execute projects within a timely fashion, whilst maintaining budgetary restraints

## Requirements

- College Diploma in Engineering Technology or higher
- Telecommunication experience is a strong asset and preferred

**Planview Utility Services Ltd.**

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- Experience with SpatialNet or NetworkX would be an asset
- Proficient in Microsoft Office Suite
- Good analytical skills and good judgment
- Excellent spoken & written communication skills
- Able to operate effectively in a fast-paced and highly energetic environment
- Detail oriented and self-motivated a must
- Ability to multi-task, prioritize responsibilities, team player and adaptable
- Working experience with AutoCAD 2010 or later is mandatory. THERE WILL BE A CAD TEST

### Preferred Skills

- Experience with outside plant (OSP) design of utilities (i.e. electric, gas, telecom, fiber optics, etc.)
- Working knowledge of Aerial and Underground designs, drawings, and specifications
- Knowledge of CSA, ESA and Regulation 22.04
- Past experience within a telecommunication & LDC company or Engineering Consultant

### The Location

Planview Utility Services has 3 offices – Markham, London and Ottawa. Our clients and their projects are based throughout the province. ***We are hiring for positions in all Planview Utility Services Offices.***

### Why You Should Apply

If you like to work as a part of a team, work alone, travel, contribute to infrastructure builds, work outdoors, receive competitive compensation, and be trained in current practices, then you should apply.

### Note

Planview Utility Services Ltd is an Equal Opportunity Employer.

In accordance with the Accessibility for Ontarians with Disabilities Act, 2005 and the Ontario Human Rights Code, Planview Utility Services Ltd will provide accommodations to applicants with disabilities throughout the recruitment, selection and/or assessment process. If selected to participate in the recruitment, selection and/or assessment process, please inform Human Resources staff of the nature of any accommodation(s) that you may require.