

## *Preface*

The report has been prepared as a part of my post-graduation. It contains the details study of the service area required by the client in Uxbridge, Ontario, Canada.

The project includes the integration of both GIS and CAD software which is now encouraging a paradigm shift in the telecom industry as well as many other fields since multidisciplinary approaches have taken human efforts to a next level. Dealing with many different extensions of data and integrating them in different software have been a challenge throughout the process. However, the venture, being quite interesting and new, was worth some brainstorming and creative ideas.

In spite of several challenges and difficulties, outputs were satisfactory as it included the permit scope of the area as well as a user-friendly web application which can be of assistance to the client while querying certain features of the permit file instead of manually going through the entire data.