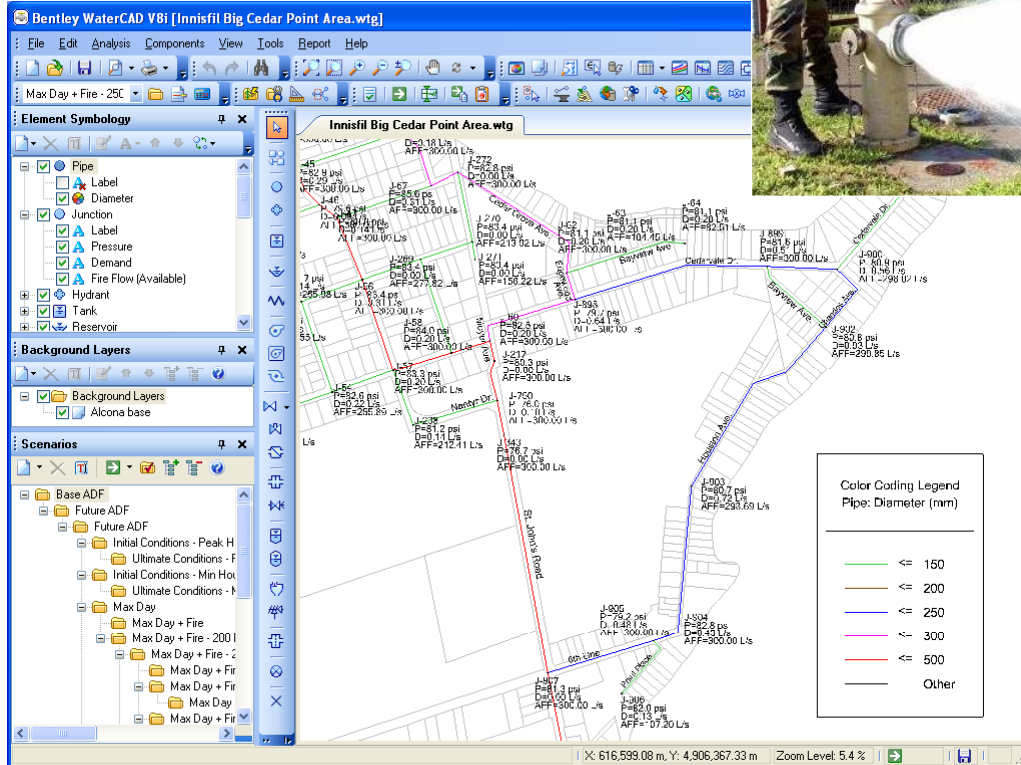


Innisfil Water Distribution System Modeling

Client: Town of Innisfil
 Year: 1993 - On-going



SERVICES PROVIDED

CCTA developed a water distribution system model of the Alcona area in the Town of Innisfil in 1993, in conjunction with the design of the Lakeshore Area Water Works Project. Since that time, CCTA has upgraded and updated the computer model to size water mains for both new subdivisions and Town initiated expansions to the system. The WaterCAD model incorporates all the supply, storage and distribution elements for a distribution system with over 100 km of watermain servicing 2,700 customers plus a 26 km transmission main supplying water to Bradford West Gwillimbury. The model has been calibrated through a series of field testing and modelling simulations in order to ensure the output reflects the conditions in the actual distribution system.

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