



## Traffic Technician (2 Positions) Development Services

### Position Summary

Reporting to the Manager, Traffic, this position is responsible for addressing road safety concerns and operational issues related to traffic, parking, and construction through investigation, analysis, and implementation of traffic initiatives.

### Major Job Responsibilities

Undertakes field investigations related to traffic operations, parking, traffic control signals, pavement markings and road construction

- Conducts site inspections for traffic safety and operational concerns from the public and council, sign deficiencies, and traffic control signal operational issues and makes recommendations for improvements
- Reviews Traffic Control Plans for road works to ensure they align with OTM Book 7 Guidelines
- Administers annual pavement marking program including updating GIS database and inspecting work by outside contractor
- Administers annual sign inventory and retro reflectivity program
- Administers permits for Oversize Load, Road Occupancy, Filming, Special Events, Banners and Street Parties
- Develops traffic signal timing and coordination plans for existing and new signalized intersections
- Responsible for ensuring all electrical traffic equipment (Driver Feedback Board, Radar Units, School Zone Flashers) are in working order and trouble shoots with vendors when necessary

Determines need for new traffic control devices on municipal roadways through data analysis

- Analyzes traffic data and conducts warrants through Traffic Engineering Software ensuring they meet industry standards
- Maintains the Traffic Engineering Database (TES) to ensure all traffic study and collision data is up to date
- Recommends implementation of all-way stops, signals and pedestrian crossovers
- Administers and reviews automated traffic recorder program (ATR)

Authors written correspondence and reports to Committee, Council, and the general public related to traffic engineering including preparation of technical recommendations

- Prepare reports and by-law amendments for approval by Manager, Traffic
- Corresponds with outside agencies (Halton Regional Police, School Boards) related to traffic operations and safety initiatives

### Education and Experience

- Three (3) year post-secondary diploma in Transportation Engineering Technology
- A minimum of three (3) years of experience in traffic operations (signs and markings, traffic safety, signals etc.) preferably in a municipal environment
- Full membership and registration with Ontario Association of Certified Engineering Technicians and Technologists (OACETT) as a Certified Engineering Technologist (CET) or ability to obtain certification
- Knowledge of Traffic Engineering Software (TES), Synchro, AutoCAD, Miovision
- A good understanding of municipal traffic operation principles, engineering standards, field-related resource materials such as the Geometric Road Design Guide (TAC), Ontario Traffic Manuals, Highway Traffic Act
- Ability to work independently and within a team in a fast paced environment and to meet multiple deadlines
- Demonstrated verbal and written communication skills
- Knowledge of GIS is preferred

**Salary Range:** \$68,107 - \$85,134 (rate as of July 1, 2021 and based on a 35-hour work week)

Interested applicants should apply online at [www.milton.ca](http://www.milton.ca) under the Careers section by **11:59 pm on July 4, 2021**.

In accordance with the Freedom of Information and Privacy legislation, applicant information is collected under the authority of the Municipal Act and will be used strictly for candidate selection.