CITY OF HAMILTON

PLANNING AND ECONOMIC DEVELOPMENT DEPARTMENT

TRANSPORTATION PLANNING AND PARKING DIVISION – TRANSPORTATION PLANNING – 77 JAMES STREET NORTH

TRANSPORTATION PLANNING TECHNOLOGIST - CUPE 5167

SUMMARY OF DUTIES

Reporting to the Manager, Transportation Planning Services, this position undertakes various duties related to multi-modal transportation planning and operations and safety issues on roadways. The position will review and support the undertaking of various transportation studies and conduct anyalysis in support of the development review process. Recommends changes, develops recommendation reports for various committees & departments.

GENERAL DUTIES

Provides input on determining the requirement for transportation impact studies and associated scope-of-work for proposed developments.

Review transportation impact studies received as part of development review process and provide feedback and associated recommendations for all modes of transportation. Composes technical reports, correspondences and compiles information and statistics.

Reviews and/or conducts specialized studies and/or field investigations related to transportation impact studies and traffic safety. Review and/or undertake other specialized transportation studies include related to gap analysis, sight line reviews, saturation flows, roadway capacity, site circulation, pedestrian and cycling movement and safety, traffic generation and traffic assignment for municipal and private developments and detailed site conditions related to development proposals; makes recommendations based on observations.

Reviews and provides comments on Committee of Adjustment files relating to transportation safety and access management.

Composes and signs correspondence to other departments, outside agencies, consultants and other professionals in the private sector.

Works in accordance with the provisions of applicable Health and Safety legislation and all City of Hamilton corporate and departmental policies and procedures related to Occupational Health and Safety.

Performs other duties as assigned which are directly related to the major responsibilities of the job.

QUALIFICATIONS

1. Proven knowledge of the principles, theories and practices of Traffic Engineering normally acquired by attaining a Traffic Engineering Technology diploma or an equivalent combination of education and experience.

2. Proven knowledge about use of the Transportation Tomorrow Survey (TTS) and is competent in extracting queries from the Data Management Group dataset.

3. Demonstrated experience in intersection control, pavement markings, traffic signing, traffic calming devices, various technical manuals and traffic safety.

4. Proven ability to review and assess site plans and make site access, circulation and safety recommendations regarding all road users.

5. Must have demonstrated excellent time management and communication (written and verbal) skills.

6. C.E.T. preferred.

7. Experience in a computerized environment with proficiency in Microsoft Office Suite of programs and is proficient in creating and editing Excel databases.

8. Experienced in interpreting outputs from specialized traffic operations and planning programs such as EMME, Synchro, Simtraffic, VISSIM/VISSUM and Rodel (roundabout software).

9. Experience with using specialized traffic operations and planning programs such as EMME, Synchro, Simtraffic, VISSIM/VISSUM and Rodel (roundabout software) would be an asset.

10. Knowledge of Occupational Health and Safety Act, Ontario Highway Traffic Act, Planning Act, Municipal Act, and relevant municipal statutes.

11. Knowledge of Ontario and National Manuals of Uniform Traffic Control Devices (MUTCD), Ontario Traffic Manual, Traffic Association of Canada and relevant technical manuals.

12. Possess valid Class "G" Driver's Licence.

THIS POSITION REQUIRES A VALID CLASS "G" DRIVER'S LICENCE AND PROOF THEREOF IS REQUIRED AFTER HIRE.

THE INCUMBENT SHALL COMPLY WITH ALL HEALTH AND SAFETY POLICIES AND PRACTICES FOR THIS POSITION AND THE WORKPLACE