

Description:

Reporting to the Assistant Director of Engineering & Operations, the Traffic Engineer will work with the Transportation Engineer and is responsible for providing input, recommendations, and technical decisions on the City's Transportation System. Focusing on safety and efficiency, the incumbent will develop strategies to improve the movement of pedestrians and vehicles, identify and eliminate pedestrian gaps, identify and improve aspects of cycling network, identify safety concerns within the system through Engineering analysis, and develop capital programs to address deficiencies and improvements.

Position Summary:

- Provides technical decisions and recommendations on the City's transportation network including roadways, sidewalks, pedestrian crossings, cycling infrastructure, intersections, and lighting
- Works with the Transportation Engineer to establish a capital program to address safety and efficiency issues identified in the transportation system
- Provides technical guidance to staff and consultants on development projects and capital construction projects
- Establishes and maintains linkages to the Traffic Operations Section to provide advice, coordinate input, and ensure an effective partnership
- Establishes and maintains linkages to the Transit and Parking Division to provide advice, coordinate input, and ensure an effective partnership
- Establishes and maintains effective partnerships with interest groups within the community
- Presents information and recommendations to Standing Committees and City Council
- Establishes and maintains effective partnerships with the City Police with respect to responding to citizen traffic concerns and public education

Position Specifications:

Education and Experience:

- University Degree in Civil Engineering with a minimum of 3 years of relevant experience. A Master's Degree would be considered an asset.
- Knowledge of the principals and practices of Traffic/Transportation Engineering
- Traffic operations modelling (Synchro) is desirable and a working knowledge of TDM and simulation software (VISUM/VISSIM) is considered an asset
- Experience identifying collision trends via historical collision data is considered an asset
- Registered (or eligibility to register) as a Professional Engineer in APEGNB
- Ability to communicate effectively with the public, Council, consultants, and the media

Knowledge and Desired Skills:

- Professional Relationships – ability to create a shared understanding requirements in the work environment and through influence, enable team members to fully contribute to team and departmental/corporate goals; ability to effectively contribute to the establishment, maintenance and success of work teams, focused on achieving individual, team and departmental goals;
- Analytical Skills – ability to understand a situation by breaking into smaller pieces and/or tracing the implications in a step-by-step manner;
- Communicate effectively both verbally and written;
- Establish and maintain effective working relationships with staff, other departments, government and outside agencies;
- Problem solving abilities – ability to identify issues or problems and develop strategies, ideas and opportunities for resolving them.
- Ability to speak in both official languages would be considered an asset.

Interested Individuals May Apply in Writing to

hr@fredericton.ca

by 4:30 pm on January 15, 2021

All interviews will take place via Microsoft Teams

The City of Fredericton is an equal opportunity employer.

Only those applicants selected for further consideration will be contacted.

