



## Traffic Infrastructure Design Lead

The City of Red Deer ([www.reddeer.ca](http://www.reddeer.ca)) is strategically located one hour north of Calgary and one hour south of Alberta's capital, Edmonton, Alberta. Home to over 100,000 residents and well known as a "can do" community, it maintains a unique balance among state-of-the-art manufacturing, strong retail and service sectors, residential housing, agriculture, and tourism. Their labour force, social services, infrastructure, lifestyle alternatives and recreational assets provide a strong base for sustainable growth. To achieve its mission of efficiently providing services that enhance the quality of life for all its residents and visitors whilst maintaining safe travel throughout our city and smooth traffic flow through our residential streets we are looking to attract an engineer to lead our traffic signal and streetlight design group.

This exempt supervisory position is responsible for the planning and design of traffic signals and streetlight infrastructure projects and programs, and for the overall supervision of the Traffic Signal & Streetlight Design group with the Engineering Services' Traffic Section. The position assumes professional engineering responsibilities for traffic signal and streetlight infrastructure planning, design, and construction projects. Traffic Signal & Streetlight Design group priorities and daily duties are carried out through consultation with the Traffic Engineer.

To qualify, you will be a university graduate with a Degree in Electrical or Civil Engineering, focused on traffic engineering (specifically traffic signals and streetlight related design). You will be eligible for membership as a Professional Engineer (P.Eng.) in the Association of Professional Engineers and Geoscientists of Alberta (APEGA). Alternatively, as a Professional Licensee P.L.(Eng.) with APEGA you may be considered with additional experience in traffic engineering, beyond the listed minimum below.

- Certification as a Traffic Signal Design/Engineering Technician Level II and/or Roadway Lighting Technician Level II with the International Municipal Signal Association (IMSA) will be considered an asset.
- Minimum five years of diversified experience in traffic signals and streetlight design and project management, with progressively more responsible duties and supervision of others.
- Thorough knowledge of the principles and practices of traffic signals and streetlight design.
- Knowledge of applicable legislation relative to municipal traffic operations.
- Ability to devise solutions to complex engineering problems, where there is little precedence to rely on. Experience with directing the use of complex engineering optimization software is preferred.
- Skill in the preparation of technical reports. Ability to communicate effectively with the public, consultants, contractors, and the news media both verbally & in writing.

You are a visionary leader with strong report writing skills with tested strengths in articulating the long-term vision for municipal infrastructure relating to streetlight and traffic signal design. Known as a communicator and hands on leader, you are respected for your strong problem-solving ability, keen decision making and management skills and recognized for your positive corporate contribution. You are a positive change agent and known and respected as a mentor to your staff.

Are you ready to join one of Alberta's most sought after cities and ready to take on the responsibility of leading a department where you can impact the community in a positive way? Candidates who meet the above criteria are invited to submit their resumes in confidence to [grantsmith@waterhousesearch.com](mailto:grantsmith@waterhousesearch.com) quoting assignment TIDL. For additional information on this excellent business opportunity, please call Grant Smith at (604) 806-7715.

We thank all candidates for their interest in this position however, only candidates who meet our selection criteria will be contacted for an interview.