

STREETLIGHT DESIGN SUPERVISOR

Calgary, AB | Full-Time- Remote | Design Engineering

ABOUT NBM ENGINEERING

For over **35 years**, **NBM ENGINEERING** has been helping shape the infrastructure that keeps communities powered, connected, and moving forward. As a **trusted engineering and consulting firm**, we partner with municipalities, hydro utilities, and telecommunications providers across Canada to deliver Electrical and Civil Engineering Design, Compliance & Asset Management, Geomatics Support, and Project Management services.

At NBM Engineering, we believe great engineering creates lasting impact. Guided by our values of **integrity, collaboration, technical excellence, health and safety, accountability, and continuous improvement**, we empower our people to solve complex challenges, support critical infrastructure, and help build stronger, safer, and more sustainable communities for future generations.

ABOUT THE ROLE

Lead the design of lighting infrastructure that keeps communities safe, connected, and illuminated.

At NBM Engineering, our **STREETLIGHT DESIGN SUPERVISORS** play a key leadership role in delivering safe, efficient, and innovative streetlighting projects for municipalities, utility providers, and infrastructure clients across Alberta. Combining technical expertise with team leadership, you'll oversee the design, coordination, and quality assurance of streetlighting and roadway illumination projects while supporting the growth and development of designers and technical staff.

This role is ideal for an experienced streetlighting, electrical distribution, or municipal infrastructure professional with strong project leadership capabilities. Preference will be given to candidates who hold a **Professional Engineer (P.Eng.) designation registered with APEGA (Association of Professional Engineers and Geoscientists of Alberta)**. If you're passionate about engineering excellence, mentoring teams, and delivering infrastructure that enhances public safety and community well-being, this is an opportunity to make a lasting impact.



WHAT YOU'LL DO

As part of our team you will do:

TEAM LEADERSHIP

- Lead, mentor, and develop Streetlight Designers and CAD Technicians.
- Assign and manage project workloads and priorities.
- Support recruitment, training, and performance development.

DESIGN & TECHNICAL OVERSIGHT

- Review and approve street lighting designs, calculations, and project deliverables.
- Oversee roadway, intersection, pathway, and municipal lighting projects.
- Perform and review photometric analysis using AGi32.
- Review pole loading assessments and utility attachment feasibility.

PROJECT DELIVERY

- Support project planning, scheduling, budgeting, and resource allocation.
- Coordinate with municipalities, utilities, contractors, and internal teams.
- Conduct and oversee site visits, field investigations, and meetings with clients, utilities, contractors, and other project stakeholders as required.
- Ensure projects are delivered on time, within budget, and to quality standards.

QUALITY & COMPLIANCE

- Ensure compliance with City of Calgary, ENMAX, CSA, and applicable lighting standards.
- Maintain quality assurance and quality control processes.
- Identify opportunities to improve design practices and team efficiency.

WHAT WE'RE LOOKING FOR

REQUIRED QUALIFICATIONS

- Minimum 5 years of street lighting design experience
- Experience leading or supervising a technical design team
- Proficiency with AutoCAD and AGi32
- Experience with pole loading analysis (SPIDAcalc or equivalent)
- Strong understanding of overhead and underground electrical distribution systems
- Experience coordinating with municipalities, utilities, and project stakeholders

EDUCATION & CREDENTIALS

- Diploma or Degree in Electrical Engineering, Engineering Technology, or related discipline.
- P.Eng. (APEGA) preferred.
- E.I.T. candidates actively pursuing P.Eng. designation are encouraged to apply.



KEY COMPETENCIES

- Leadership and team development
- Technical problem solving
- Project and workload management
- Communication and stakeholder engagement
- Attention to detail and quality focus

PREFERRED EXPERIENCE

- ☐ City of Calgary Street lighting standards.
- ☐ ENMAX Power Corporation requirements and coordination
- ☐ Alberta municipal infrastructure projects
- ☐ Delivered multidisciplinary transportation or municipal engineering projects.

WORK ARRANGEMENT

This is a primarily **remote position based in the Calgary region**. Occasional travel within Calgary and surrounding areas is required to support client meetings, stakeholder coordination, field investigations, site reviews, and project-related site visits.

This role offers flexibility while maintaining opportunities for in-person collaboration with clients, municipalities, utilities, contractors, and project teams as needed.

WHY JOIN US

- ☐ Lead impactful infrastructure projects across Alberta
- ☐ Work with a collaborative and growing engineering team.
- ☐ Opportunity to mentor and develop technical professionals
- ☐ **Competitive compensation and benefits package**

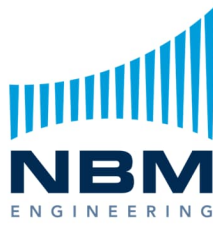
ADDITIONAL INFORMATION

- **Language of Work:** English
- **Work Authorization:** Valid Work Permit

HOW TO APPLY

Interested candidates are invited to complete:

- ☒ **Candidate Information Data Sheet** (required)



Please note: Applications will only be considered once both the Resume and Candidate Information Data Sheet have been received.

Join NBM Engineering and help shape safer, smarter, and more connected communities through innovative street lighting design solutions.

We thank all applicants for their interest. Only those selected for an interview will be contacted.

NBM Engineering is an Equal Opportunity Employer. Accommodations are available upon request throughout the recruitment process.