

CIVIL & STRUCTURAL ENGINEER

Oakville, ON | Full-Time- Permanent | 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

Design resilient infrastructure that strengthens and supports communities.

At NBM Engineering, our **CIVIL & STRUCTURAL ENGINEERS** play a critical role in the planning, design, and delivery of infrastructure projects that support utility, telecommunications, and municipal networks across Canada. Working collaboratively with multidisciplinary engineering teams, you'll apply your technical expertise to develop safe, efficient, and sustainable structural and civil engineering solutions that stand the test of time.

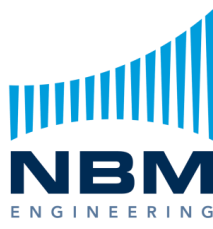
This opportunity is ideal for experienced Civil and Structural Engineers who are passionate about solving complex engineering challenges and delivering high-quality infrastructure projects. Whether designing foundations, utility structures, equipment supports, retaining systems, or civil site developments, you'll contribute to projects that directly impact the reliability and safety of essential public infrastructure. Candidates with experience in the **utility, hydro, telecommunications, transportation, or municipal sectors** will be particularly valued.

WHAT YOU'LL DO

As part of our team you will do:

CIVIL & STRUCTURAL

- Design foundations for transformers, switchgear, self-supporting poles, and heavy electrical equipment.



ENGINEERING DESIGN

- Develop duct bank layouts for underground cable installations.
- Design retaining walls, equipment platforms, access structures, and other structural systems.
- Perform structural loading assessments and pole loading analysis.
- Prepare engineering reports, specifications, bills of materials (BOMs), and construction packages.

UNDERGROUND INFRASTRUCTURE & TRENCHLESS TECHNOLOGY

- Support trenchless construction methods including HDD, pipe jacking, and microtunneling.
- Assess site conditions and recommend appropriate installation methodologies.
- Coordinate with contractors, surveyors, and geotechnical teams.
- Ensure underground infrastructure designs meet safety and structural requirements.

SITE DEVELOPMENT & ASSET ASSESSMENTS

- Prepare grading and drainage plans.
- Conduct structural assessments of existing utility infrastructure.
- Evaluate manholes, vaults, and related structures.
- Develop rehabilitation, maintenance, and replacement recommendations.
- Support demolition and decommissioning planning efforts.

FIELD SERVICES & CONSTRUCTION SUPPORT

- Perform site inspections and construction reviews.
- Provide field engineering support during project execution.
- Verify compliance with engineering standards, specifications, and project requirements.
- Participate in quality assurance and construction support activities.

COLLABORATION & PROJECT DELIVERY

- Work closely with electrical engineers, project managers, contractors, and clients.
- Provide technical expertise throughout project lifecycles.
- Contribute to the successful delivery of utility and infrastructure projects.

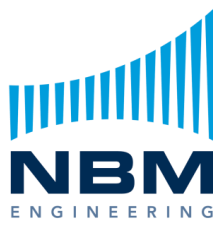
WHAT WE'RE LOOKING FOR

EDUCATION & LICENSING

- Degree or Diploma in Civil Engineering, Structural Engineering, or related discipline.
- Professional Engineer (P.Eng.) designation.

EXPERIENCE

- Minimum 10 years of engineering design experience.
- Experience supporting projects involving electrical utility and civil/structural infrastructure.
- Experience within utility, power distribution, telecommunications, energy, or infrastructure sectors is highly desirable.



TECHNICAL KNOWLEDGE

- Ontario Building Code (OBC)
- Ontario Electrical Safety Code (OESC)
- CSA Standards
- IEEE Standards
- Ontario Regulation 22/04
- Structural analysis, foundations, site development, and utility infrastructure design

SOFTWARE & TECHNICAL TOOLS

- Microsoft Office Suite
- Microsoft Project
- AutoCAD
- Civil Engineering software
- Structural Engineering software (asset)
- GPS and surveying tools (asset)

ADDITIONAL REQUIREMENTS

- Valid Ontario G Driver's License.
- Clean driving record.
- Access to a personal vehicle.
- Ability to work in field environments and travel to project sites as required.

PROFESSIONAL COMPETENCIES

We are looking for someone who is:

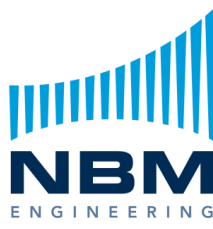
- ☐ Engineering Design Excellence
- ☐ Health & Safety Leadership
- ☐ Technical Problem Solving
- ☐ Quality Assurance & Compliance
- ☐ Project Coordination
- ☐ Communication & Collaboration
- ☐ Accountability & Professionalism

ADDITIONAL INFORMATION

- **Language of Work:** English
- **Work Authorization:** Eligible with valid Work Permit

COMPENSATION & BENEFITS

- **Salary Range:** \$80,000 to \$120,000 CAD per annum
- **Benefits:** Comprehensive Benefits Package
- **Professional growth and development**



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.