

*Join the team that's changing the Windsor-Detroit skyline.*

[www.gordiehoweinternationalbridge.com](http://www.gordiehoweinternationalbridge.com)

## **Operations, Rehabilitation and Maintenance Engineer (Bridges and Roads)**

**Job Summary:** You will oversee the project components from design to construction through to commissioning with a focus on building Operations, Maintenance and Rehabilitation (OMR) of the assets related to the Gordie Howe International Bridge project which include bridges, roads and buildings as well as Intelligent Transportation Systems, tolling, mechanical and electrical systems. You will coordinate with Bridging North America and the Owner's Engineer to ensure compliance with the Project Agreement and industry standards and approved practices. This will include reviewing the creation of asset management systems. Not only will you build strong relationships with a large number of stakeholders on this high-profile infrastructure project, but we can also offer you the following abilities to:

### **Job Functions:**

- Assist construction team during construction by managing operations and maintenance contracts and site visits for OMR compliance. This includes review of quality procedures to ensure construction will yield appropriate hand back times. Attend as necessary Owner's Engineer / Bridging North America Operation and OMR work related meetings.
- Review Bridging North America's design and shop drawing submissions from an OMR perspective and provide advice on the financial and technical long-term impact of each submission. Review the Life Cycle Analysis, Operations and Maintenance Plan, Maintenance Plans, and Maintenance Access plans and make recommendations.
- Review asset management systems for long term maintenance of roads and bridges. Work with Bridging North America on the establishment of Maintenance Management Systems.
- Liaise with governmental agencies and municipalities related to OMR functions.
- Oversee commissioning process for infrastructure and systems and ensure procedures for project start up are established. Work with border agencies during interim OMR period to refine building operational performance.
- Ensure the maintenance of existing roads under control of Bridging North America are properly addressed and oversee traffic management aspects of construction.

### **To join this team, you will bring the following:**

- B.Sc. in Engineering
- Registered as a Professional Engineer (P. Eng) or (P.E.) required
- A minimum of 7 years' relevant experience
- Experience designing bridges and roads with an understanding of their life cycles
- Experience with contract management
- P3 experience, considered an asset
- Intermediate Microsoft Office skills
- Knowledge of the following standards:
  - American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE)
  - National Fire Protection Association (NFPA)
  - NFPA 241: Standard for Safeguarding Construction, Alteration, and Demolition Operations
  - ASTM: American Society for Testing and Materials
  - ASHRAE Standard 90.1, Energy Standard for Buildings Except Low-Rise Residential Buildings
  - Standards Council of Canada, Canadian Highway Bridge Design Code, CAN/CSA-S6.
  - CSA S6-14 – Canadian Highway Bridge Design Code
  - AASHTO – Standard Specifications for Highway Bridges
  - Ontario Provincial Standards for Roads and Public Works
- Ability to obtain a Government of Canada Personnel Screening/ Security Clearance.



- Ability to travel within Ontario and Michigan

**Our culture is driven by knowledgeable professionals with a passion for their field and the Gordie Howe International Bridge Project. The following competencies are keys to your success within our team:**

- Sound professional judgment, initiative and the ability to work well under pressure and manage multiple priorities
- Excellent organizational, analytical and problem-solving abilities, with exceptional attention to detail
- Highly developed interpersonal and negotiation skills
- Strong verbal and written communication skills
- Ability to deal with complex, multi-disciplinary issues involving Third Party agencies, governments, and other stakeholders
- Ability to work in a fast-paced environment
- Strong ability to build and maintain positive relationships

**We will reward your initiative with:**

- Salary \$93,485 to \$114,259
- Eligibility for Annual Bonus
- Comprehensive group benefits package
- Defined Contribution Pension Plan
- Paid Time Off Benefits – Vacation, Personal Leave, Floater Day, Medical Leave, 13 Holidays
- Flexible Work Arrangements
- Training and Development opportunities
- Relocation assistance may be provided, if required

Qualified applicants may email their resume to [recruitment@wdbridge.com](mailto:recruitment@wdbridge.com) up to and including November 26, 2021.

**Please quote file #WDBA-194.** Resumes must be submitted electronically and will only be accepted in MS Word or PDF format.

Although all applications are appreciated, only those candidates selected for an interview will be contacted.

WDBA values talent and diversity as cornerstones of our success and is committed to creating a diverse and inclusive workforce that is reflective of our community and country. To support this commitment, we encourage applications from people of all races, ethnic origins, religions, abilities, sexual orientations, gender identities or expressions.