

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

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

## **Civil Engineer – Rail & Road – term ending December 31, 2024**

As a Civil Engineer – Rail & Road, you will be responsible for providing engineering input and assisting the Senior Director Bridges & Roads with the civil work associated with grade separation structures, at-grade crossing for railroads and roadways associated with the design/construction phases of the Gordie Howe International Bridge Project. Not only will you build and maintain strong relationships with the large number of stakeholders on this high profile infrastructure project, we can offer you the following abilities, to:

- Review, comment, provide feedback and follow up with Comment Resolution, Bridging North America's submissions, including but not limited to Design & Specification reviews, Working Drawings, signed and sealed RFCs, Field Design changes, Notice of Design changes, Record Mandatory Reports, Contract Correspondences and Project Management Reports
- During the project design and construction, work with Sr. Director Bridges and Roads to review and monitor contractor submittals, to ensure compliance with the project technical requirements
- Attend railroads and Civil Design and construction meetings with Bridging North America to ensure all requirements are fully implemented and issues are resolved
- Address roadways & railroads grade separation structures and at-grade crossing related requests for information (RFI) and provide technical input into non-conformance reports (NCR)
- Provide construction oversight and support contract administration verification in coordination with Owner's Engineer (OE), Bridging North America and other WDBA technical advisors and partners
- Review and provide engineering input regarding design submissions to WDBA/OE quality teams for all bridge related matters. Complete site visits for compliance verification and review site investigation submittals as well as visit facilities, as needed, to oversee/witness any testing and quality assurance
- Coordinate with the Senior Bridge Engineer and Civil Structure Engineer regarding the overlapping geometry of the bridge and roads
- Assist in the preparation of progress reports. Work with project Independent Certifier on providing status updates and reporting on work progress. Provide input to the WDBA financial team regarding OE and Bridging North America invoices. Provide, input, including cost reduction or containment strategies to WDBA financial team for any payment submissions by OE, Michigan Department of Transportation (MDOT), Bridging North America and other contractors
- Provide input to the WDBA scheduling team in respect to regular project schedule updates and reporting

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

- University Degree in Civil Engineering
- Registered as a Professional Engineer (P. Eng) in Ontario or P.E. in Michigan
- Minimum 7+ years of relevant experience
- Experience on railroad and roadway construction and working with railroad companies
- Experience with P3 model and complex projects considered to be an asset
- Familiar with AREMA Manual requirements for grad separation structures and at-grade crossings
- Intermediate to advanced Microsoft Excel, Word, PowerPoint and Outlook
- Understanding of contract language and construction terminology
- Familiarity with AutoCAD, Microstation, Civil 3D and structural software an asset
- Ability to obtain a Government of Canada Personnel Screening/ Security Clearance
- Ability to travel within Ontario and Michigan; possess valid class G driver's license



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

- Ability to manage multiple issues concurrently
- Demonstrated ability to effectively and professionally communicate orally and in writing
- Excellent organizational and time management skills
- Ability to work in a team environment
- Strong initiative and attention to detail
- Well-rounded knowledge and execution of relationship management skills/strategies
- Possesses strong negotiation, problem-solving and analytical skills

**We will reward your initiative with:**

- Salary \$90,774 to \$110,910
- Eligible for annual bonus
- Comprehensive group benefits package
- Defined Contribution Pension Plan
- Paid Time Off Benefits – Vacation, Personal, Sick, Family, 12 Holidays
- 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 September 13, 2019. **Please quote file #WDBA-126.** 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.