

---

---

# I AM CIVIL ENGINEERING



**GLEN CARLIN**

CEO, The Jacques Cartier and Champlain Bridges Inc.

---

## What is my job?

As Chief Executive Officer of The Jacques Cartier and Champlain Bridges Incorporated (JCCBI), my role is to ensure that the major infrastructure managed by the Corporation, which is crucial to public transportation and the Canadian economy, remains safe, fully functional and aesthetically pleasing, today and in the future. I lead a big team of engineering, planning, construction and structural maintenance professionals who oversee the regular inspections of our infrastructure and the planning and execution of cutting-edge engineering work. I use my technical expertise, structural knowledge, and all of my in-the-field experience to guide our teams through these large-scale projects.

## Why I am a civil engineer?

As a civil engineer, I get to actively participate in building and repairing major and crucial infrastructure that helps people get where they need to go. This work is incredibly stimulating! When you have the opportunity to get involved in projects with very complex technical challenges that required innovative solutions, you have to seize it without hesitating. It's important for engineers to find the best possible solutions to our challenges—and then dare to implement them.



## The project I worked on that I think best represents sustainable infrastructure?

In 2016, we are finishing the redecking of the Honoré Mercier Bridge, which is a large-scale project with multiple challenges. Through the replacement of the original reinforced concrete deck, from 1959, with

one made from high-performance precast concrete with galvanized reinforcement, this 8-year project will extend the bridge's service life by 75 years. This project, which is in collaboration with the Mohawk community of Kahnawake, is a great example of technical success, collaboration and sustainable development.



[www.csce.ca](http://www.csce.ca)

