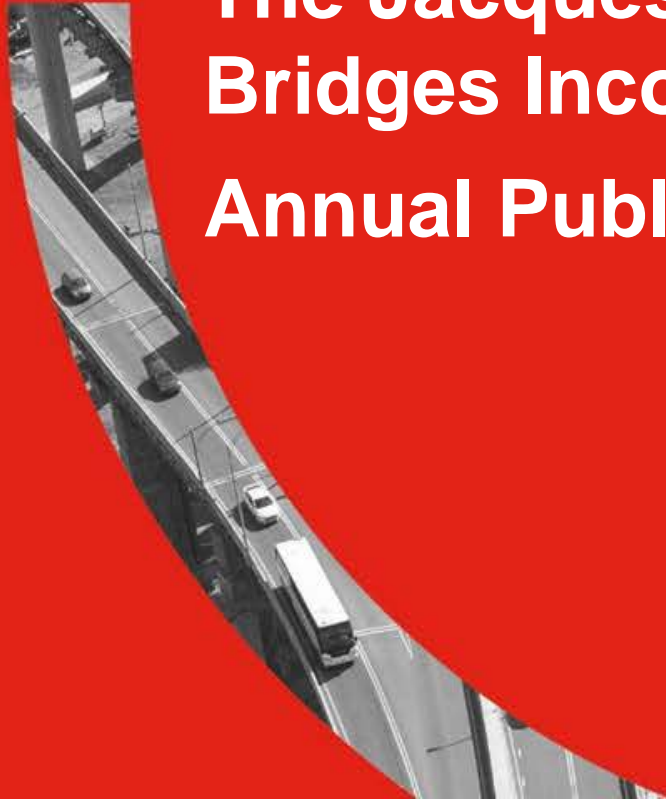




Ponts
JACQUES CARTIER +
CHAMPLAIN
Bridges
Canada

The Jacques Cartier and Champlain Bridges Incorporated Annual Public Meeting 2019-2020

Presented via webcast
November 23, 2020



Agenda

- + Opening remarks
- + JCCBI's mandate and mission
- + Activity overview
- + Our major projects
- + Analysis of financial results
- + Question period





JCCBI's Mandate and Mission

Catherine Lavoie
Vice Chair of the Board of Directors

Highlights



+ May 20, 2019

Announcement of official appointment of Sandra Martel as Chief Executive Officer of JCCBI

+ June 28, 2019

Champlain Bridge decommissioned after 57 years of service

+ March 5, 2020

Selection of the Nouvel Horizon Saint-Laurent G.P. (Pomerleau Inc. and Delsan-A.I.M.) to deconstruct the original Champlain Bridge



Our Mission: the mobility of people



+ Federal Crown corporation

- Reports to the Honourable Catherine McKenna, Minister of Infrastructure and Communities

+ Proactive asset management

- Monitor the condition of the structures and plan required work
- Secure funding to maintain this infrastructure

+ Major maintenance program

- Ensure the safe mobility of people
- Extend the service life of our infrastructure
- Responsibly manage public funds



Excellent Results for 2019-2020



+ Board of Directors

- Apply rigorous and responsible governance
- Organizational risk management

+ Management Team

- Ensure that the Corporation's structures last
- Prepare to deconstruct the Champlain Bridge
- Ongoing improvement to practices and processes

+ Bravo to the entire JCCBI team!

- Commitment to our mission and vision:
Become a leader in the management of major infrastructure





Activity Overview

Sandra Martel, Eng.
Chief Executive Officer

A Few Facts About JCCBI



190

team
members

6

key
structures

25.5

km of key road
network

6.4

km of active
transportation paths

115.5

million dollars invested
in 2019-2020

429,529

unique visitors
to our website



Investment in Major Work



Uphold mobility and safety and extend the service life of our structures

STRUCTURE	INVESTMENT IN MAJOR WORK
Jacques Cartier Bridge	\$53M
Champlain Bridge	\$4.4M
Champlain Bridge Deconstruction	\$11.6M
Honoré Mercier Bridge	\$24.4M
Bonaventure Expressway	\$12.7M
Champlain Bridge Estacade	\$1.1M
Melocheville Tunnel	\$6.7M
Solution Bonaventure	\$1.6M
TOTAL:	\$115.5M



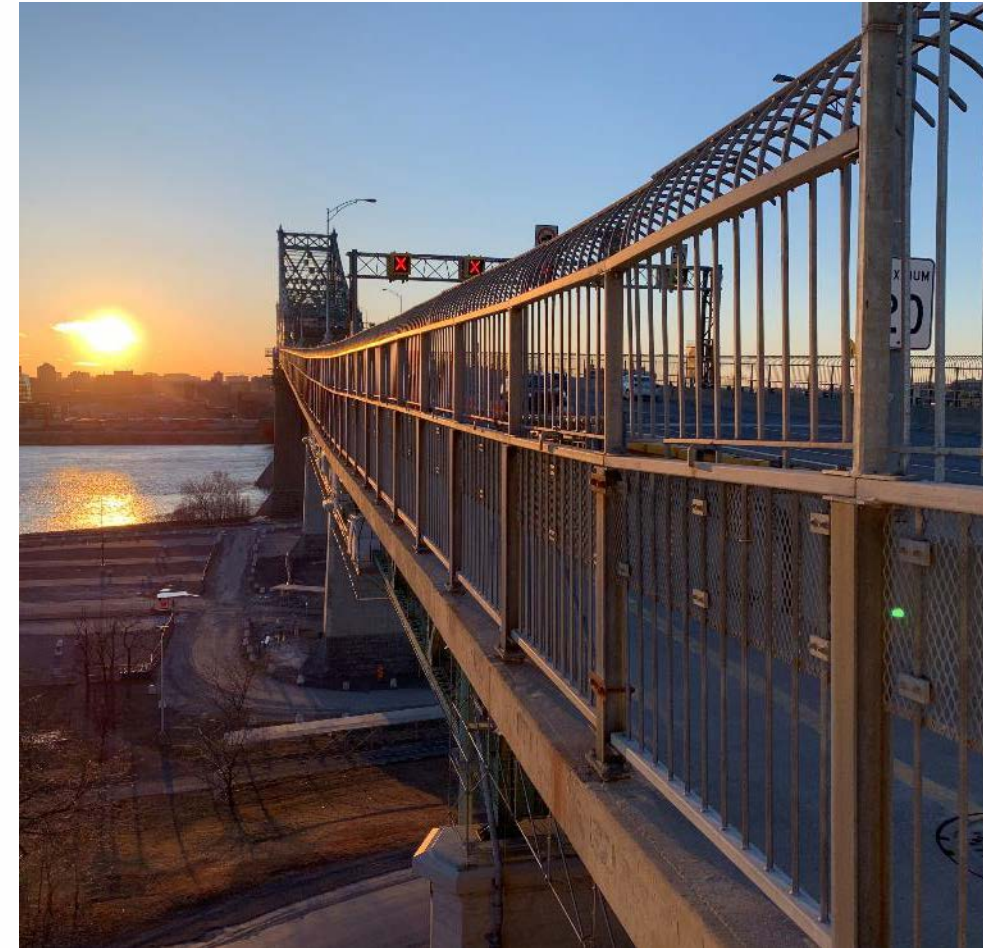
A person wearing a dark jacket and a cap is riding a bicycle across a bridge. The bridge has a prominent metal railing with vertical bars and rivets. The scene is captured in a blue-tinted, slightly blurred style, suggesting motion. The text "Mobility Leader" is centered over the image in a white, bold font. There are two thick red vertical bars on the left side and a red curved shape on the right side of the image.

Mobility Leader

Mobility: A Key Part of Our Mission



- + 10-year work planning and project optimization
- + Minimize impacts on mobility
- + JCCBI: an active member of Mobilité Montréal
- + Simulation of winter operation on the Jacques Cartier Bridge multipurpose path and sidewalk
- + Integrated traffic management system and fibre optic loop
- + Proactive communications with users (website, twitter, emails, etc.)





Innovative Expert

Innovate and Advance Knowledge



- + Experimental research projects
 - Improved paint system for our structures
 - Interpretation of instrumentation data, based on artificial intelligence
- + Study of the seismic performance of the Jacques Cartier Bridge
- + Champlain Bridge Deconstruction
 - 10 research projects selected
 - Material reuse program





Social and Urban Contributor

Connected to the Community



- + Information days and online consultations about the Champlain Bridge deconstruction
- + Citizens' committees
- + Support for student engineers: partnership agreements with 4 universities
- + Knowledge-sharing with the industry: 26 events
- + Contribution or financial support for several events for the public or social mission enterprises



Our Sustainable Development Strategy



JCCBI has completed its five-year action plan to integrate sustainable development into its operations

- + Development of a corporate management system of our participatory approach
- + Deployment of our first responsible procurement guide
- + Initial climate change adaptation strategy
- + Life cycle assessment: determine an initial complete environmental footprint of our activities



Thank You to Our Teams!



- + Our projects, work sites and achievements are only possible thanks to the work and expertise of our staff on our structures and in our offices
- + Thank you to all our employees for your commitment and talent!





Our Major Projects

Catherine Tremblay, Eng.
Senior Director, Projects

Jacques Cartier Bridge: \$53M

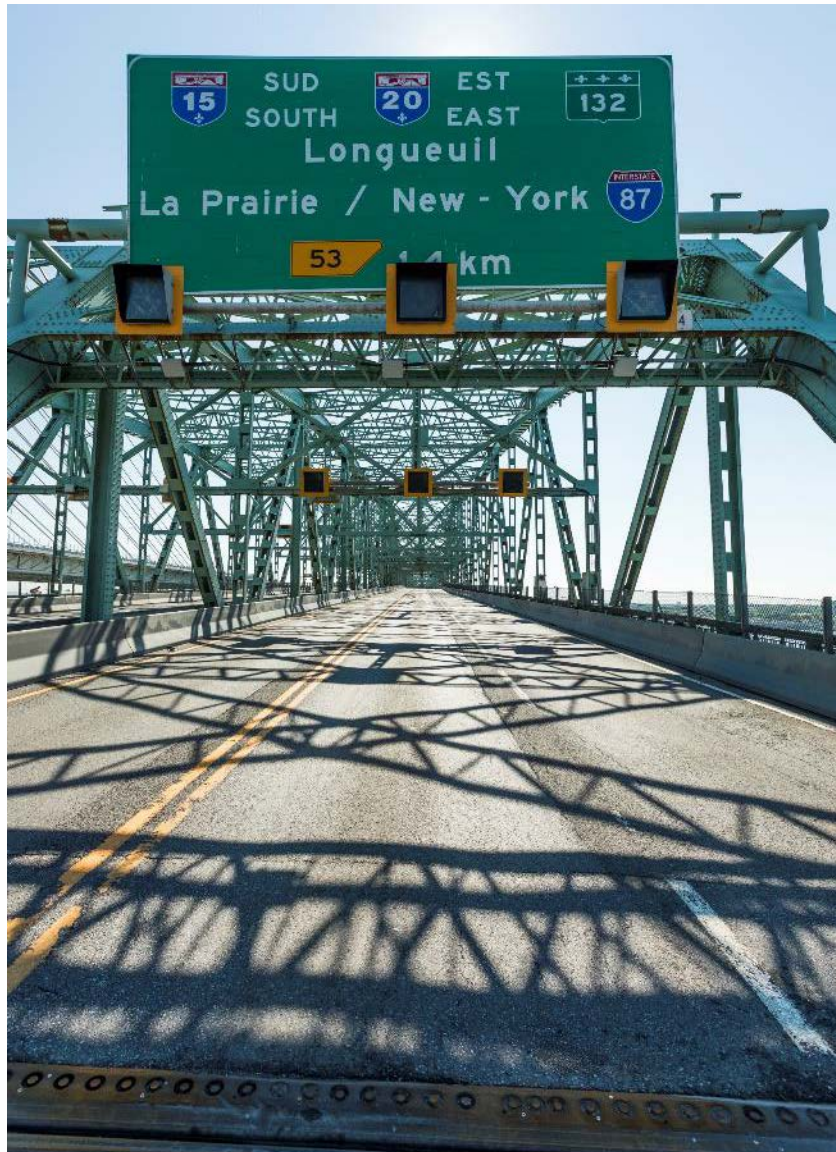


Main work

- + End of work to reinforce the steel structure in three sections of the bridge
- + End of repairs on the Parc Jean-Drapeau access ramps
- + Start of the steel repair and paint replacement program on the superstructure
- + Repaving of the approaches
- + Simulation of winter operation on the multipurpose path and sidewalk
- + Installation of a fibre-optic network and integrated traffic management system



Champlain Bridge / Deconstruction: \$16M



Main work

- + Until its decommissioning on June 28, 2019, monitoring of the bridge's structural integrity: inspections and behavioural monitoring (330 sensors)
- + Preparations for the bridge deconstruction – procurement process:
 - Request for qualification
 - Selective call for proposals for design-build services
- + Selection of the Nouvel Horizon Saint-Laurent G.P. (Pomerleau Inc. and Delsan-A.I.M.) to deconstruct the Champlain Bridge



Deconstruction of the Original Champlain Bridge



- + **Environmental protection** and mitigation measures to limit impacts on the community
- + Reuse of **287,000 tonnes of materials** (concrete, steel, asphalt)
 - Prioritize reuse and recycling
 - Create a traceability system
- + **10 R&D projects:** Advance knowledge (performance and infrastructure sustainability)
- + **Biodiversity enhancement:** Compensate for the work's impacts on fish habitats
- + **Héritage Champlain:** Redevelop land along the shoreline freed up by the deconstruction
 - Create a unique place
 - Provide access to the river
 - Commemorate the original bridge





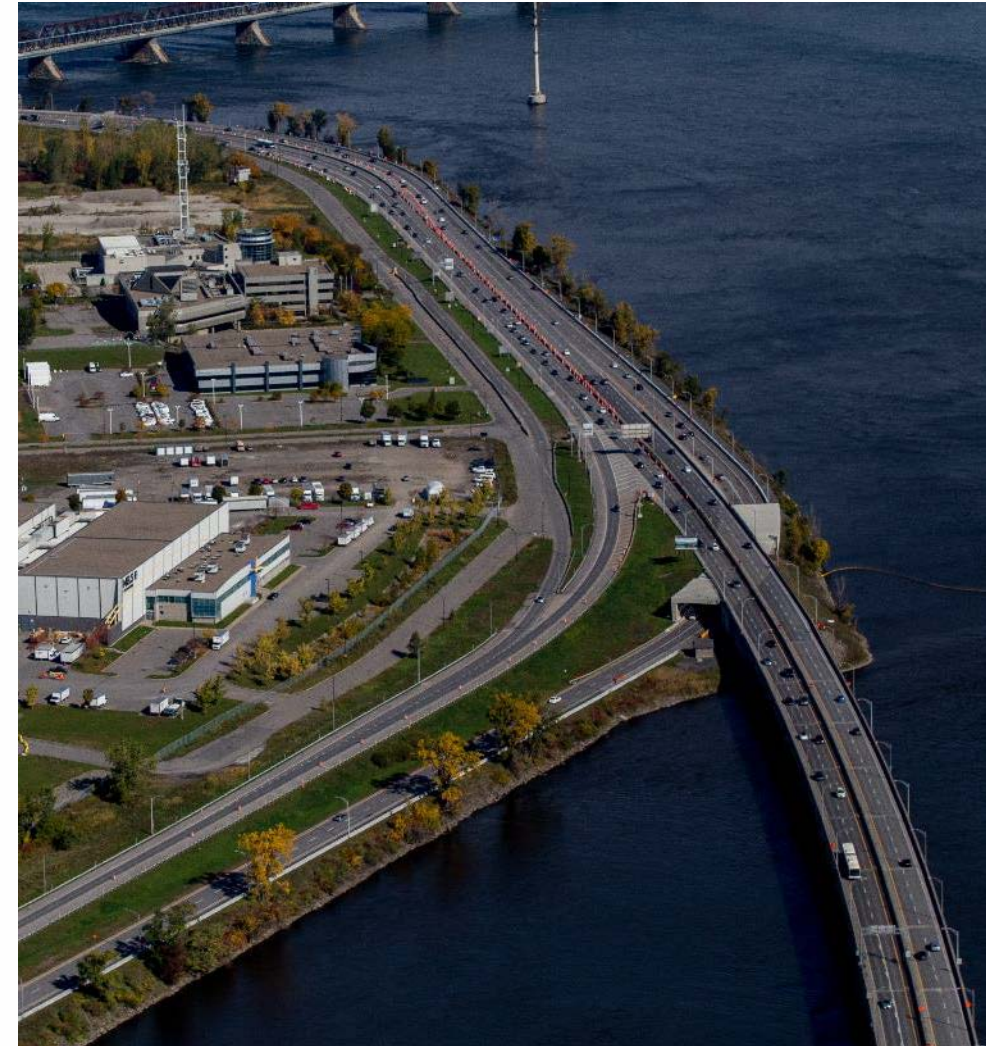
Bonaventure Sector: \$14.3M

Main work

- + Structural repairs to the elevated sections
- + Repairs to non-elevated lanes: work to maintain the safety of this section (which is at the end of its service life) until it can be replaced

Solution Bonaventure

- + Continued operation of the groundwater containment and treatment system in the west sector and the hydrocarbon capture system in the east sector



Honoré Mercier Bridge: \$24.4M

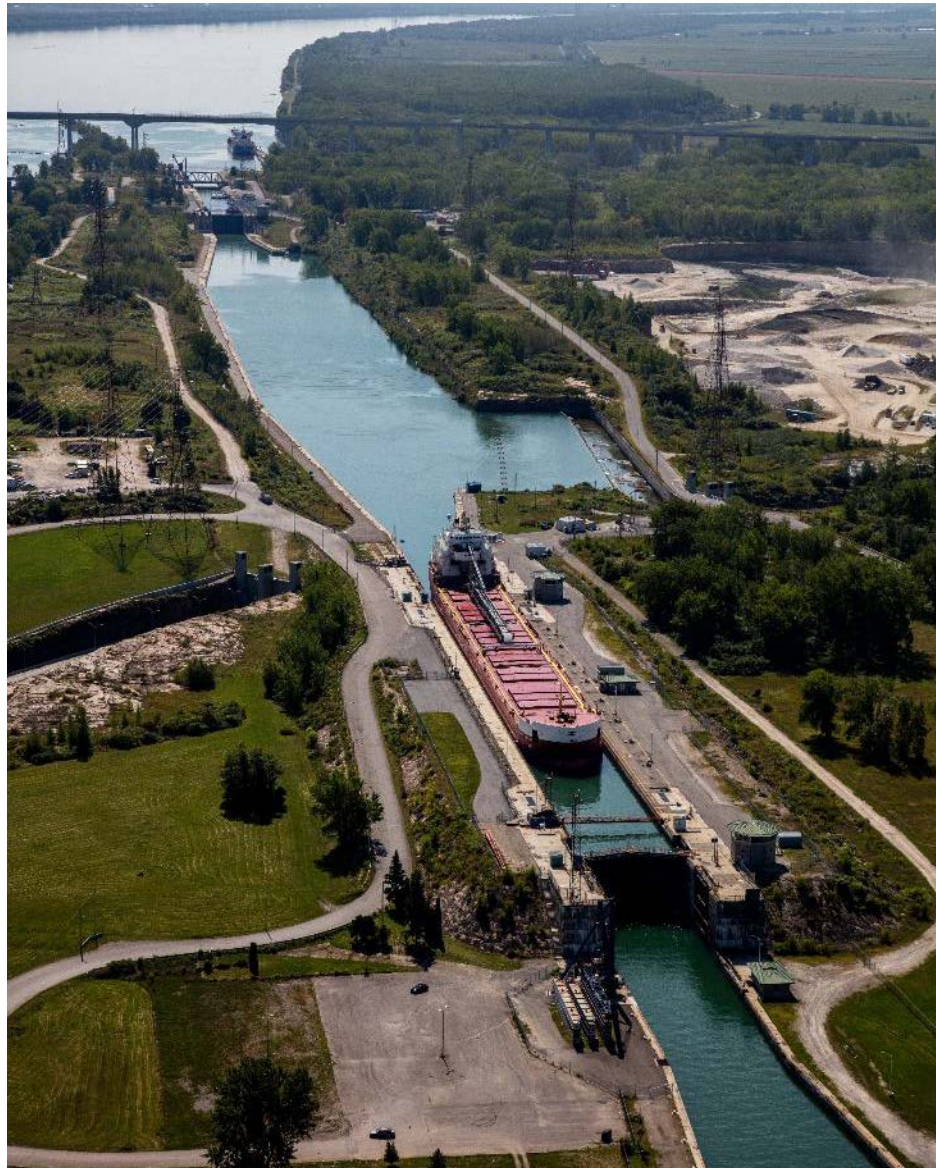


Main work

- + Pier repairs
- + Replacement of the paint system on part of the steel structure
- + Replacement of a section of the gangways used for inspection work
- + Prefeasibility studies in particular for the bicycle path and for a memorial pathway at the southern approach
- + These projects are being done in collaboration with workers from the Kahnawá:ke community, whom we thank



Melocheville Tunnel and Estacade: \$7.8M



Melocheville Tunnel

- + Work to improve electrical installations and the automation and fire protection systems

Champlain Bridge Estacade

- + No major work and continuation of the inspection program to maintain the structure



A close-up photograph of industrial machinery, showing a series of metal rods and bolts. The bolts are arranged in a row, and the machinery appears to be part of a larger system. The background is slightly blurred, emphasizing the foreground components. There are red decorative elements: a vertical bar on the left and a curved bar on the right.

Analysis of Financial Results

Responsible Investment

**Claude Lachance,
Senior Director, Administration**

Performance Analysis



Corporation's funding

- + Parliamentary appropriations from the Government of Canada
- + Revenue from leases and permits



**Government
of Canada**

Financial management principles

- + Vigilance
- + Transparency
- + Rigorous process for contract procurement and administration





Statement of Financial Position

As at March 31	ACTUAL (in millions of \$) 2019-2020	ACTUAL (in millions of \$) 2018-2019
FINANCIAL ASSETS	35.4	53.1
LIABILITIES	68.4	78.0
NON-FINANCIAL ASSETS	607.5	590.8
ACCUMULATED SURPLUS	574.5	565.9





Statement of Operations

As at March 31	ACTUAL (in millions of \$) 2019-2020	ACTUAL (in millions of \$) 2018-2019
REVENUES	1.4	1.7
EXPENSES	148.8	156.4
Deficit before Government of Canada funding	(147.4)	(154.7)
Transfer payments – Operating expenses	106.6	111.0
Transfer payments – Tangible capital assets	49.4	50.3
ANNUAL OPERATING SURPLUS	8.6	6.6



Questions or
comments





Les Ponts Jacques Cartier et Champlain Inc.
The Jacques Cartier and Champlain Bridges Inc.

Participez à la conversation / Join the conversation

[JacquesCartierChamplain.ca](https://www.JacquesCartierChamplain.ca)

