



Ponts
JACQUES CARTIER +
CHAMPLAIN
Bridges
Canada

Annual Public Meeting 2021-2022

Presented via webcast
November 30, 2022





Outline

- + Opening Remarks
- + Video
Summary of 2021-2022
- + Message from the Chair of the
Board of Directors
- + Activity Overview
- + Our Major Projects
- + Analysis of Financial Results
- + Question Period

Presenters

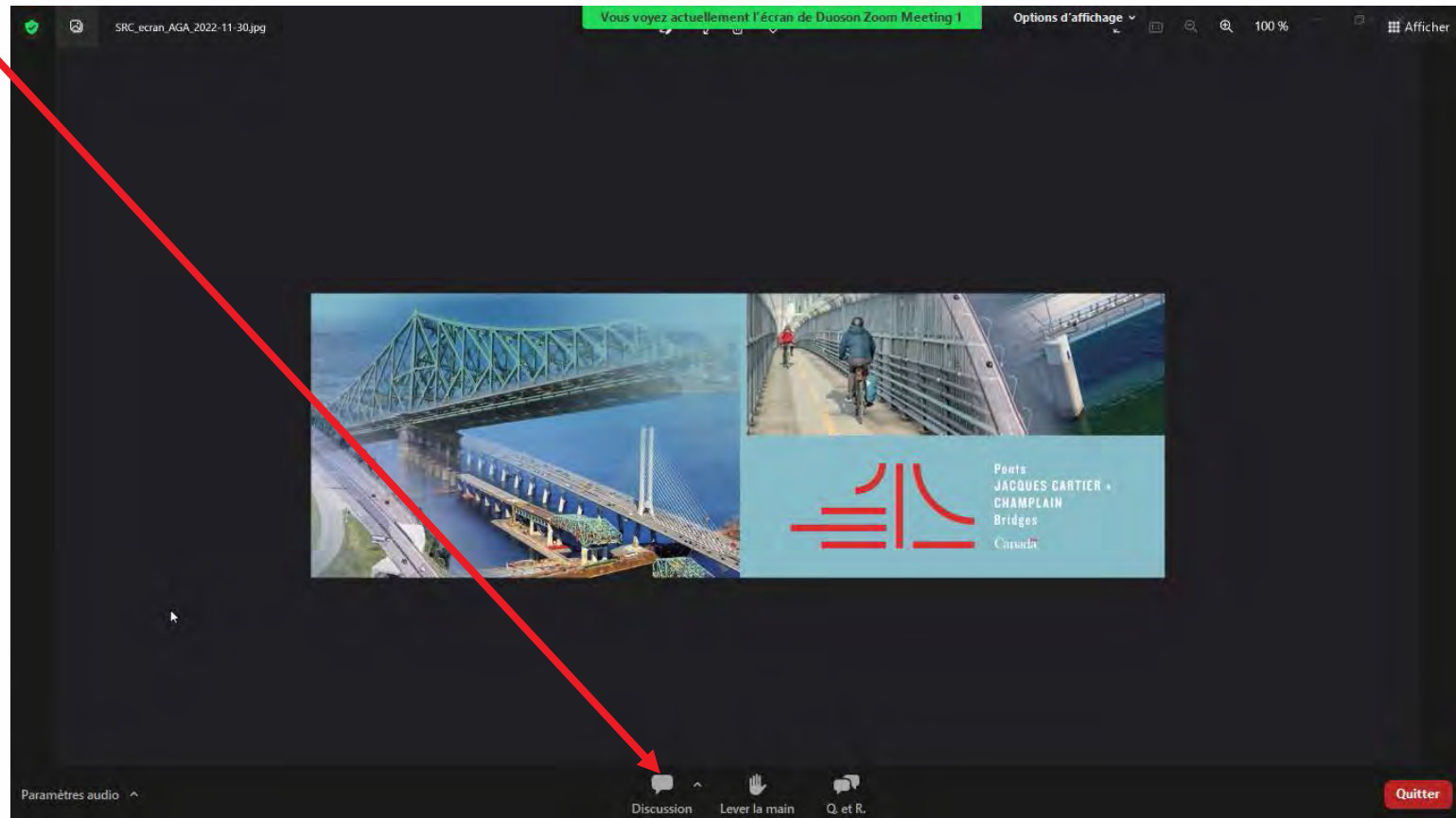
- + **Catherine Lavoie**
Chair of the Board of Directors
- + **Sandra Martel**
Chief Executive Officer
- + **Dominique Blouin**
Senior Director, Projects
- + **Lucie Painchaud,**
Senior Director, Administration
- + **Nathalie Pilon**
Manager, Communications





Ask a Question

1. Click on the “chat” icon at the bottom of the screen
2. Enter your question
3. Click “Send”



Video: Summary of 2021-2022

+ To play the video, [click here](#)





Message from the Chair of the Board of Directors

Catherine Lavoie, Eng.



Mission and Investments

MISSION

Ensure user mobility, safety, and infrastructure longevity using a systemic management approach based on sustainable development.

82 000 000 million trips annually
including **500 000** in active mobility

Pandemic Year 2:

- Many maintenance, improvement and rehabilitation projects on the infrastructure that JCCBI manages.
- Significant progress in the original Champlain Bridge deconstruction project over the past 12 months.

A Dedicated Mobility Team



187 people: multidisciplinary team
+ specialized and diverse expertise

193,4 million dollars
invested in major work

JCCBI:

- Proactive asset management
- Protecting the environment and the public good
- Maximize structure longevity – innovation, research and applications team that collaborates with Canadian research bodies to advance knowledge
- Efficient management of key infrastructure for the Government of Canada





Excellent Track Record this Fiscal Year

Effective and efficient management:

- Organizational risks
- Mobility issues
- Many technical and operational challenges
- Community relations

Acknowledgements:

- The Honourable Dominic LeBlanc, Minister of Intergovernmental Affairs, Infrastructure and Communities
- Sandra Martel, Chief Executive Officer, JCCBI
- Executive team
- JCCBI staff
- Many partners in the Corporation's different projects





Activity Overview

Sandra Martel, Eng.
Chief Executive Officer

A Few Facts

6 key structures in the
Greater Montreal area

6.4 km of dedicated active
mobility paths

74,672 subscribers to its
digital platforms



Investment in Major Work



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

STRUCTURES	INVESTMENT IN MAJOR IN WORK
Jacques Cartier Bridge	\$55.5M
Champlain Bridge Deconstruction	\$91.6M
Honoré Mercier Bridge	\$30.3M
Bonaventure Expressway	\$12.2M
Estacade	\$1.1M
Melocheville Tunnel	\$1.1M
Solution Bonaventure	\$1.6M
TOTAL	\$193.4M

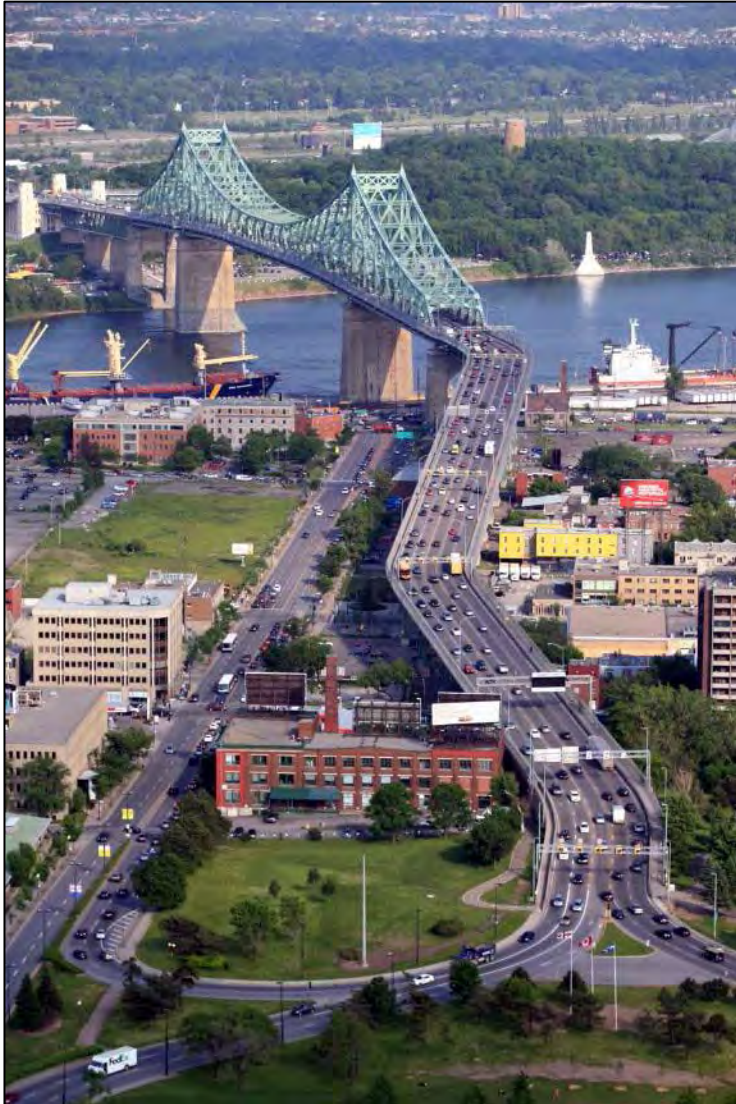




Mobility Leader



Planning to Enhance Mobility



- + Multi-year rehabilitation programs
 - Extend the service life of our infrastructure
 - Track public expectations and monitor climate change
 - Optimize the use of public funds
- + JCCBI: An active member of Mobility Montréal
- + Tools and solutions:
 - Integrated traffic management system
 - Counting systems
- + Proactive communication with road and active mobility users
 - New corporate website focused on mobility





Innovative Expert

Innovation, Research and Knowledge



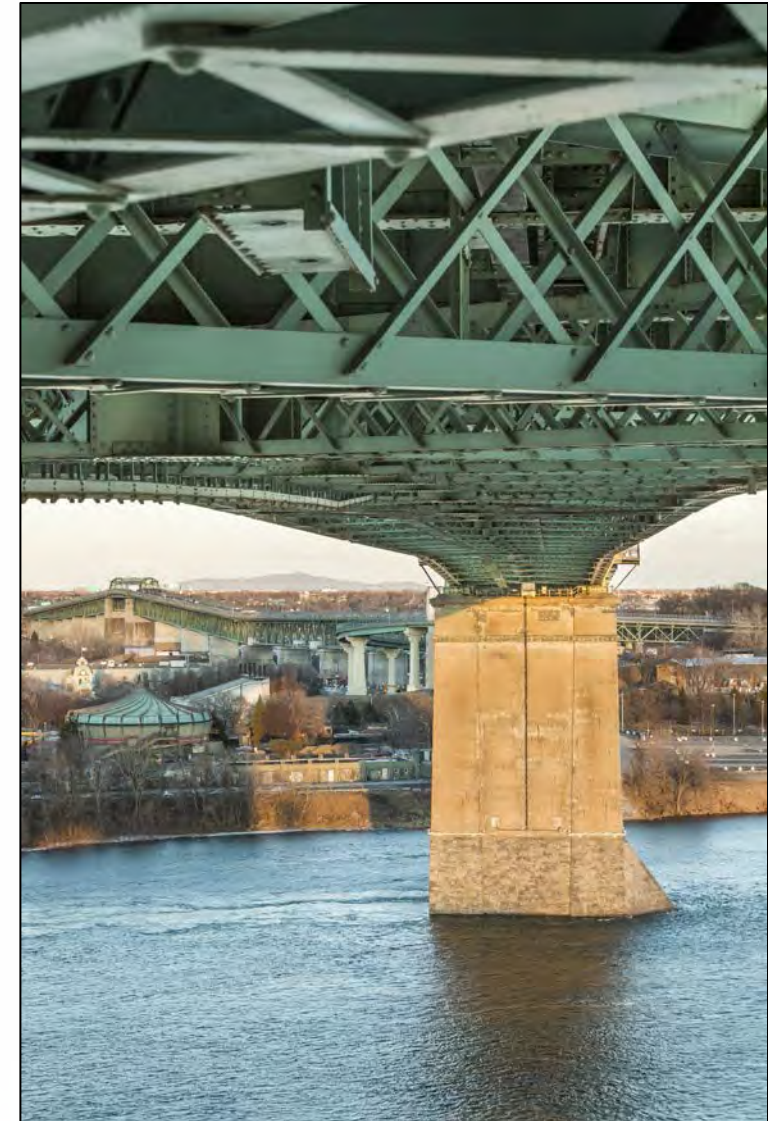
+ Research programs:

- Different methods and materials
- Evolving knowledge: Long-term infrastructure maintenance
- 12 research projects: Deconstruction of the original Champlain Bridge

+ Evaluation of seismic performance: Jacques Cartier Bridge, Honoré Mercier Bridge, Bonaventure Expressway and Melocheville Tunnel

+ Knowledge-sharing with the industry:

- Interdepartmental table (seismic risk and infrastructure)
- Our experts participated in 15 technical events





Social and Urban Contributor

Connected to the Community



+ JCCBI's participatory approach – 3 groups

- **Partners:** Municipalities, government departments and other institutional partners (Ville de Montréal and the Mohawk Nation of Kahnawà:ke)
- **Stakeholders:** Associations, interest groups, etc.
- **General public**
- Various channels to promote transparent communication and constructive discussions with everyone

+ **Donations and sponsorships:** \$25,750

+ **JCCBI team:** nearly \$5,800 for the Centraide of Greater Montreal campaign





Environmental Protection and Sustainable Development

Environment and Sustainable Development



Protect the environment and soundly manage the environmental aspects of our activities

- + Reduce the environmental impacts of our projects: mitigation measures (*Impact Assessment Act*)
- + Biodiversity inventories: peregrine falcons, cliff swallows, and bats
- + Contaminated site assessment (FCSAP)
- + Environmental footprint of administrative activities + GHG assessment (construction, operations and maintenance)

Sustainable development

- + Since 2015 – Sustainable development strategy + 2020-2023 action plan (in line with 2019-2022 FSDS and UN goals)
- + JCCBI contributes to 5 of the 13 FSDS goals



Two Honours



PIARC-Québec 2022 National Award

Handed out at the XVI World Winter Service and Road Resilience Congress of the World Road Association:
Pilot winter maintenance project on the Jacques Cartier Bridge multipurpose path and sidewalk (2017-2018 and 2019-2020)



Prix initiatives circulaires 2021

This prize (in the municipality, institution and government category) recognized the Canada-wide material reuse competition of the original Champlain Bridge as an outstanding circular economy initiative in Quebec

Expertise and Collaboration

- + Hybrid work schedules: Synergy and expertise sharing
- + Thanks to:
 - Our entire multidisciplinary team: Exceptional work
 - Our partners and suppliers
 - Members of JCCBI's Board of Directors

Together we go further!





Our Major Projects

Dominique Blouin, Eng.
Senior Director, Projects

Jacques Cartier Bridge: \$55.5M



Main work

- + Steel/painting rehabilitation program: under the deck and splash zone of the superstructure
- + Repairs to the pedestals (Montreal) + concrete abutment (Longueuil)
- + Construction of a new building (Operations and Maintenance team)
- + Development of land under the bridge + management of drainage water (Montreal)
- + Continuation of the detailed prefeasibility study: Increased services for active mobility users
- + Prefeasibility study: Demolition of the old toll booth in Longueuil + redevelopment of the area



Deconstruction of the original Champlain Bridge: \$91.6M



Main work carried out by NHSL during the fiscal year

- + Removal of modular trusses (marine section)
- + Deconstruction on barges: 23 spans, 17 piers and 8 footings (marine section)
- + Creation of a jetty (St. Lawrence Seaway dike sector)
- + Lowering of the suspended span (over the seaway)
- + Start of deconstruction of the eastern portion of the cantilever (central steel section, Brossard sector)



Duration: 43 months

End date: January 2024

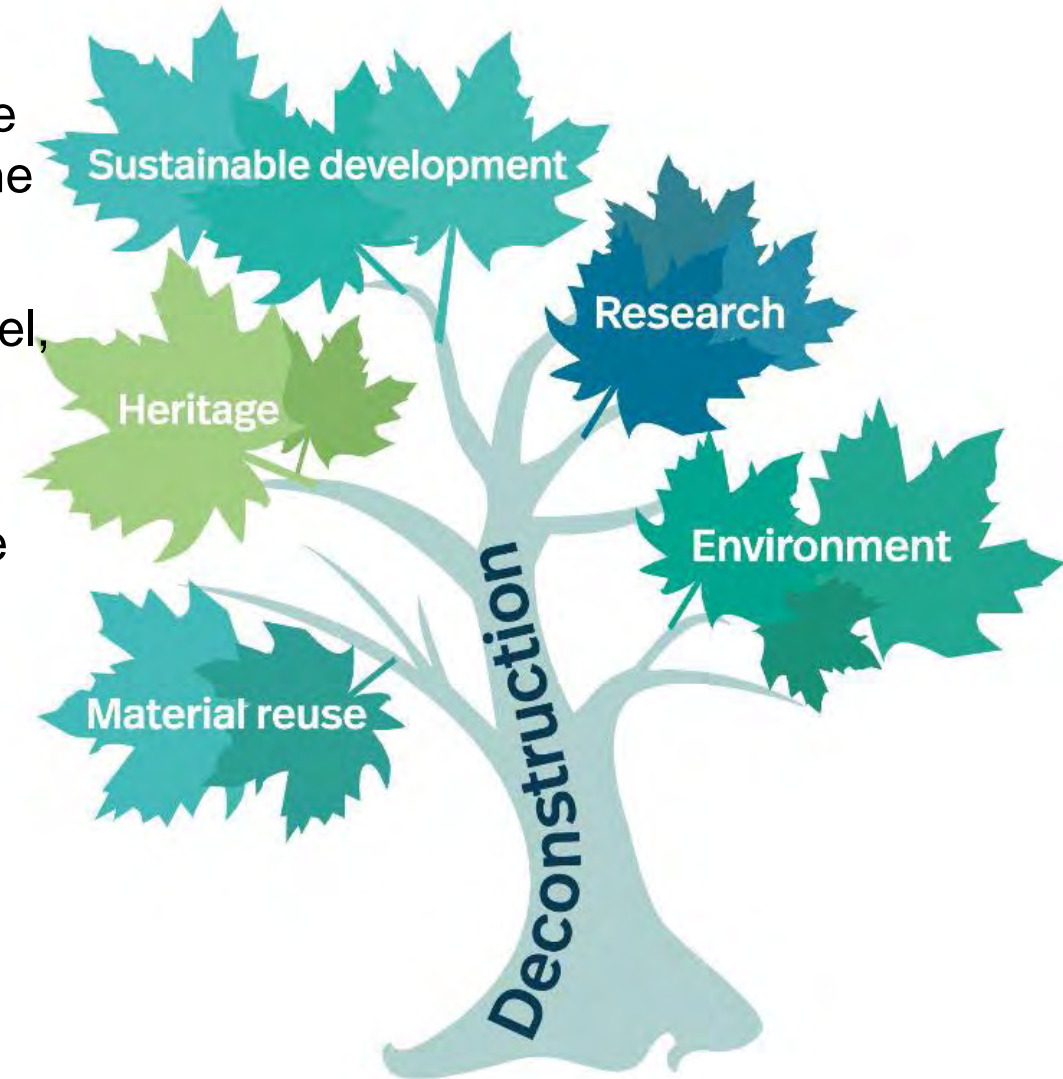


Deconstruction in 5 Phases



1. **Deconstruction** of the original bridge
2. **Environmental protection**: Protect the St. Lawrence River and biodiversity, and minimize the impact on the community
3. **Repurpose 287,000 tons of material** (concrete, steel, asphalt): Prioritize reuse and recycling and provide traceability
4. **12 R&D projects**: Advance knowledge (performance and infrastructure sustainability)
5. **Héritage Champlain**: Redevelop land along the shoreline freed up by the deconstruction
 - Provide access to the river
 - Commemorate the original bridge

End of project : December 2025



Bonaventure Sector: \$12.2M



Main work

- + Different repairs to the structures of the elevated lanes to extend their lifespan

Solution Bonaventure – \$1.6M

- + Help protect the St. Lawrence River:
 - Groundwater containment and treatment system (West sector)
 - Hydrocarbon capture system (East sector)



Honoré Mercier Bridge: \$30.3M



Main work

- + Replacement of the paint system on part of the steel structure
- + Pier repairs
- + Replacement of a section of the inspection gangways
- + Levelling and paving of the approaches and access ramps
- + Continuation of prefeasibility studies:
 - Connection of the multipurpose path to the local network
 - Evaluation of the projected service levels for this path



Estacade and Melocheville Tunnel: \$2.2M

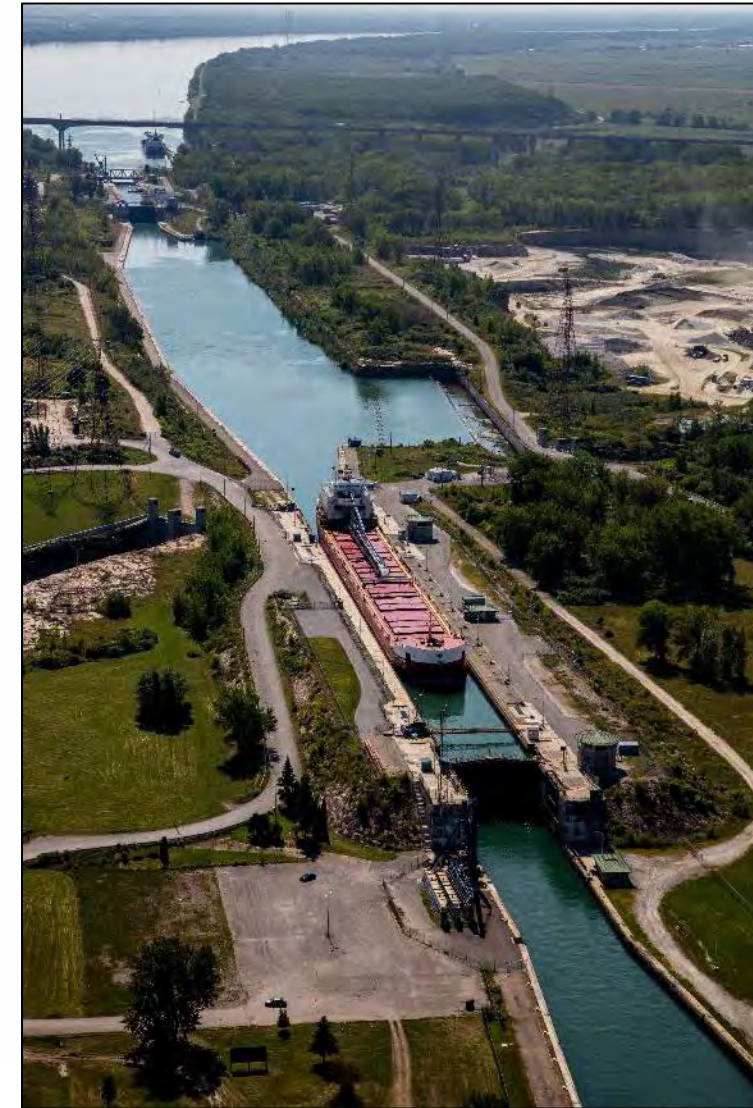


Champlain Bridge Estacade

- + No major work
- + Prefeasibility studies: strategically extend the structure's lifespan

Melocheville Tunnel

- + Prefeasibility study: West bridge (P-113)
 - + Rehabilitation of pavement
 - + Work to secure the rock walls and improve the drainage system





Analysis of Financial Results

Lucie Painchaud, CPA, CMA
Senior Director, Administration

Funding and Guiding Principles



Corporation's funding

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



Government
of Canada

Gouvernement
du Canada

Canada

Financial management principles

- + Thoroughness, compliance and transparency
- + Stringent procurement and contract administration processes to soundly manage public funds



Highlights



- + The ongoing **deconstruction of the original Champlain Bridge** and **steel work on the Jacques Cartier Bridge** were key projects in 2021-2022 that resulted in:
 - + Growth of \$18M in financial assets: future commitments (major work)
 - + Growth of \$12M in liabilities: payment milestones (deconstruction project)
 - + Increase of \$23M in non-financial assets
 - + Increase of \$19M in expenses (mainly for the deconstruction project)
- + These revenues include a transfer of tangible capital assets concluded with the Government of Quebec





Statement of Financial Position

As at March 31 (in millions of dollars)	ACTUAL 2021-2022	ACTUAL 2020-2021
FINANCIAL ASSETS	85.3	67.5
LIABILITIES	119.4	107.8
NON-FINANCIAL ASSETS	673.3	650.3
ACCUMULATED SURPLUS	639.2	610.0





Statement of Operations

For the year ended March 31 (in millions of dollars)	BUDGET 2021-2022	ACTUAL 2021-2022	ACTUAL 2020-2021
REVENUES	1.1	8.4	1.1
EXPENSES	299.8	218.7	199.8
Deficit before Government of Canada funding	(298.7)	(210.3)	(198.7)
Transfer payments – Operating expenses	270.3	189.1	170.5
Transfer payments – Tangible capital assets	50.0	50.4	63.7
ANNUAL OPERATING SURPLUS	21.6	29.2	35.5
Accumulated Operating Surplus, Beginning of the Year	608.2	610.0	574.5
ACCUMULATED OPERATING SURPLUS, END OF THE YEAR	629.8	639.2	610.0



Questions or Comments





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

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

