



Ponts
JACQUES CARTIER +
CHAMPLAIN
Bridges
Canada

Active Mobility Network on the Jacques Cartier Bridge First Year of Winter Operations Meeting with Users

April 13, 2021





Presenters

- + Denis Jacob Director
Operations and Maintenance
- + Nathalie Lessard
Director, Communications
- + Cyril Michaud
Director, Construction





Outline

- + Review of the first year of winter operations 2020-2021
- + Statistics
- + Communication with users
- + Question period





Review of the First Year of Winter Operations 2020-2021



Winter operations – Winter 2020-2021

Jacques Cartier Bridge multipurpose path and sidewalk

- + December 18, 2020 to March 18, 2021
- + Operations **7 days a week, from 6 a.m. to 10 p.m.**
- + Preventive maintenance from 10 p.m. to 6 a.m.: to minimize closures during peak hours
- + Path and sidewalk were open **96.3%** of the time
- + Closures communicated to subscribers (by email or over Twitter)
- + Expected operating costs: **\$295,000**
- + Overall **traffic** is: **14 036**: 6987 by bicycle (49%) and 7049 by foot (51%)



Priorities for JCCBI



+ Effectively manage risks:

- Provide a safe cycling surface despite changing conditions along the route
- Monitor weather conditions
- Operation and maintenance costs

+ Ensure that pedestrians, runners and cyclists can all use the path safely in the winter

+ Communicate effectively with users about:

- Any closure due to weather conditions or snow removal operations
- Conditions on the path and sidewalk



User responsibilities



+ Adopt safe behaviour:

- Wear a helmet
- Have winter tires and a good lighting system
- **Slow down** on slippery roads
- **Slow** down, or even stop, when approaching or crossing other users
- Follow the Highway Safety Code

+ Adapt to the conditions of the path or sidewalk:

- Pavement may be more slippery (black ice, freezing rain)
- Path is even narrower in the winter
- Steep slopes (approx. 4%) and tight curves
- Path and sidewalk exposed to high winds and humidity



Winter signage



In addition, variable message signs at the path and sidewalk entrances indicating conditions:

Green – Be careful, welcome

Yellow – Snow cover, snow cover in areas, reduced width, icy areas

Red – Path closed, maintenance in progress, patch closed at 10 p.m.



Awareness campaign



In winter, be careful

On the Jacques Cartier Bridge Multipurpose Path

Keep right



In winter, be careful

On the Jacques Cartier Bridge Multipurpose Path

Slippery surface



In winter, be careful

On the Jacques Cartier Bridge Multipurpose Path

In the chicanes, yield to uphill traffic



In winter, be careful

On the Jacques Cartier Bridge Multipurpose Path and Sidewalk

Stop at intersections






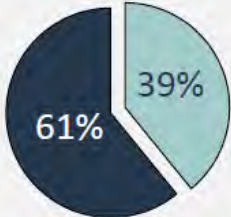
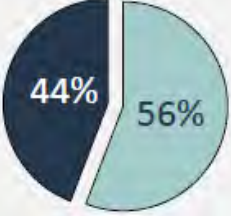
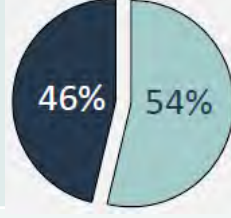
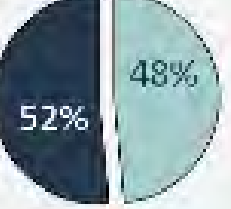


Statistics



Overall numbers



				Breakdown Cyclists / Pedestrians	Snow removal between 6 a.m. and 10 p.m.
December 2020	4687 / month 151 / day	3010 / month 97 / day	7697 / month 248 / day		1 snow removal operation Duration: 4 hrs
January 2021	2866 / month 92 / day	3620 / month 117 / day	6486 / month 209 / day		2 snow removal operations Duration: 13.5 hrs
February 2021	2844 / month 102 / day	3302 / month 118 / day	6146 / month 220 / day		1 snow removal operation Duration: 4.5 hrs
March 2021	7363 / month 238 / day	6907 / month 223 / day	14 270 / month 460 / day		0 snow removal operation

Breakdown per weekday

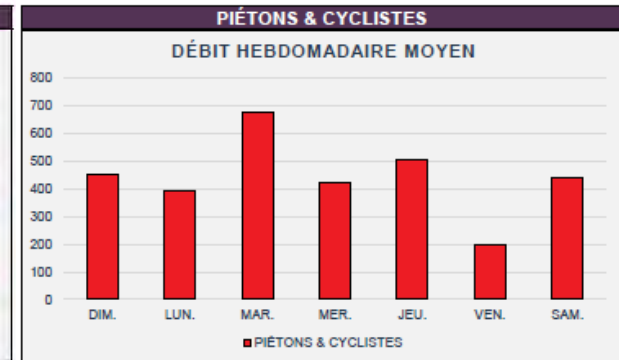
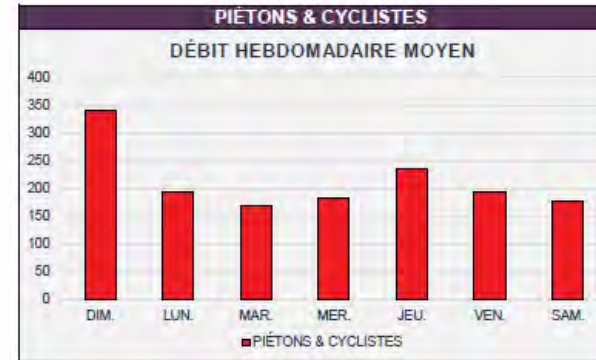
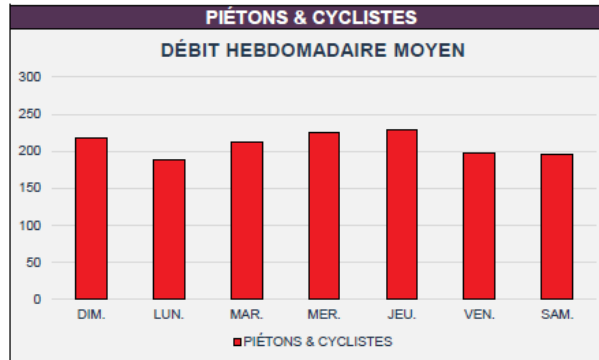
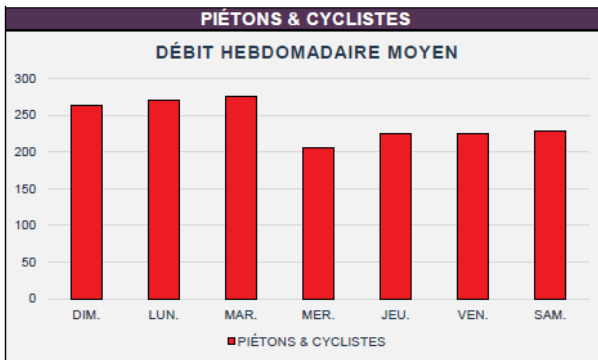
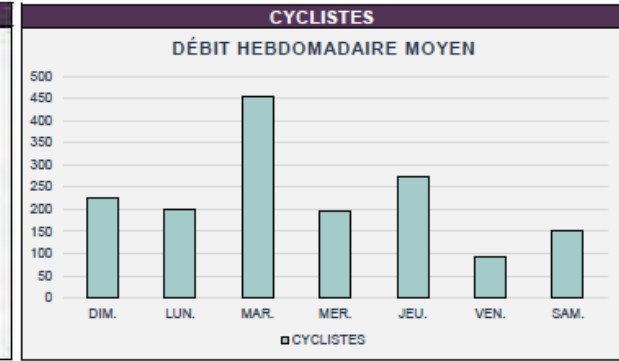
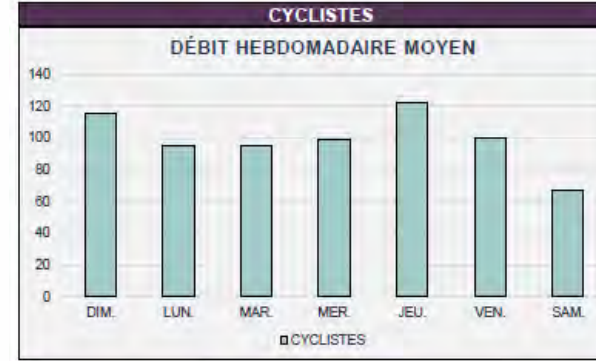
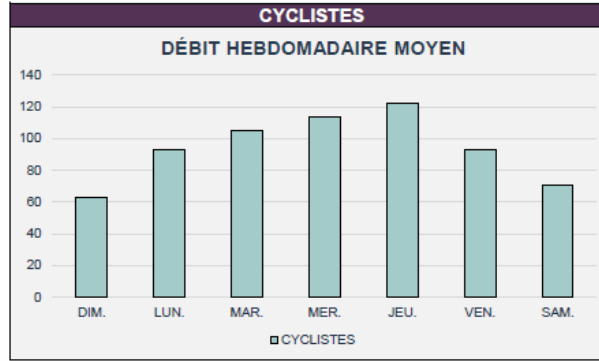
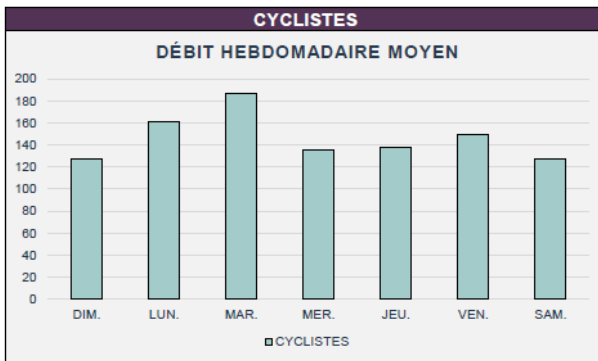
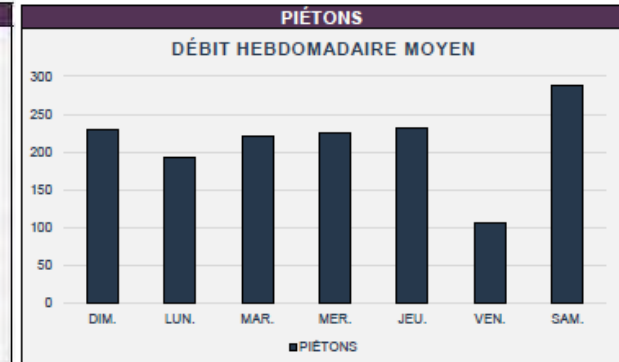
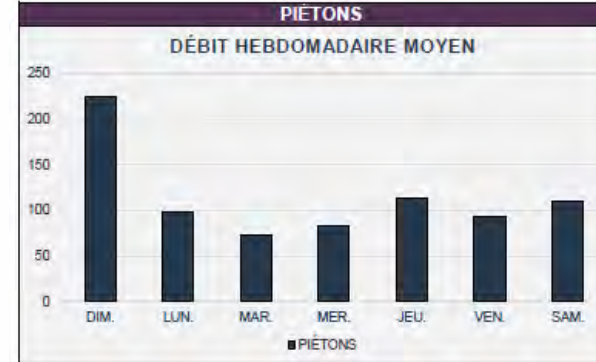
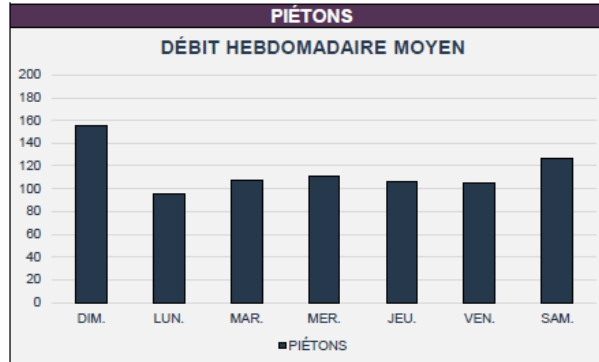
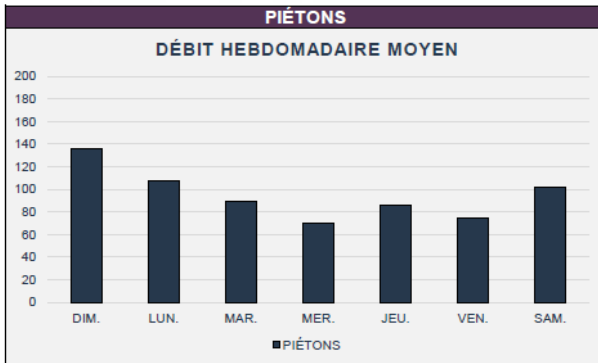


December 2020

January 2021

February 2021

March 2021





Communication with Users

Proactive communication with users



+ Available tools:

- Email alerts sent to subscribers
- Active mobility Twitter account: [@mobiliteactive](#)
- Seasonal signage on the path and sidewalk: safety instructions in winter
- Variable messaging signs: path and sidewalk condition (red, yellow, green)



+ Questions or comments:

- 450-651-8771
- communications@pjcci.ca





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

Participez à la conversation / Join the conversation

JacquesCartierChamplain.ca



Average hourly daily flow - summer



+

