

Good Neighbourly Relations Committee

Update on work on the Jacques Cartier Bridge
(Montreal sector)

November 14, 2018



Agenda

- + Work on the steel structure
 - Work status
 - Planning for the coming weeks
 - Noise mitigation measures
- + Other updates
- + Discussion period
- + Next meeting



Steel work 2018-2019



Steel work (Montreal sector)



+ Current status of steel work

- Contractor: Stellaire Construction
- Work monitoring: WST
- Take-down of work zone (between Champion and Sainte-Catherine)
 - Except site trailers and acoustic enclosures of Sainte-Catherine steel tower
- Start-up of work zone (between Sainte-Catherine and Falardeau)
 - Installation of fences and concrete barriers around the work zone
 - Installation of scaffolding and acoustic enclosure
 - Set-up of parking lot for workers between Champion and De Maisonneuve

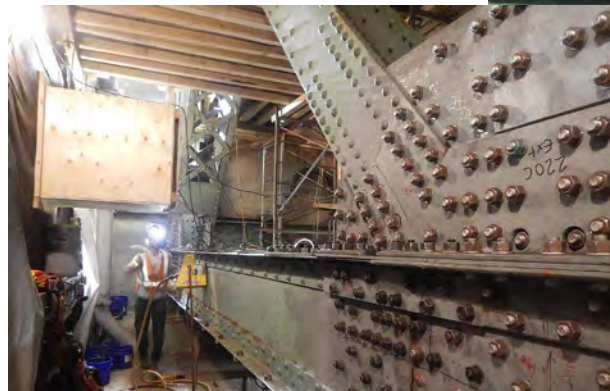


Steel work (Montreal sector)

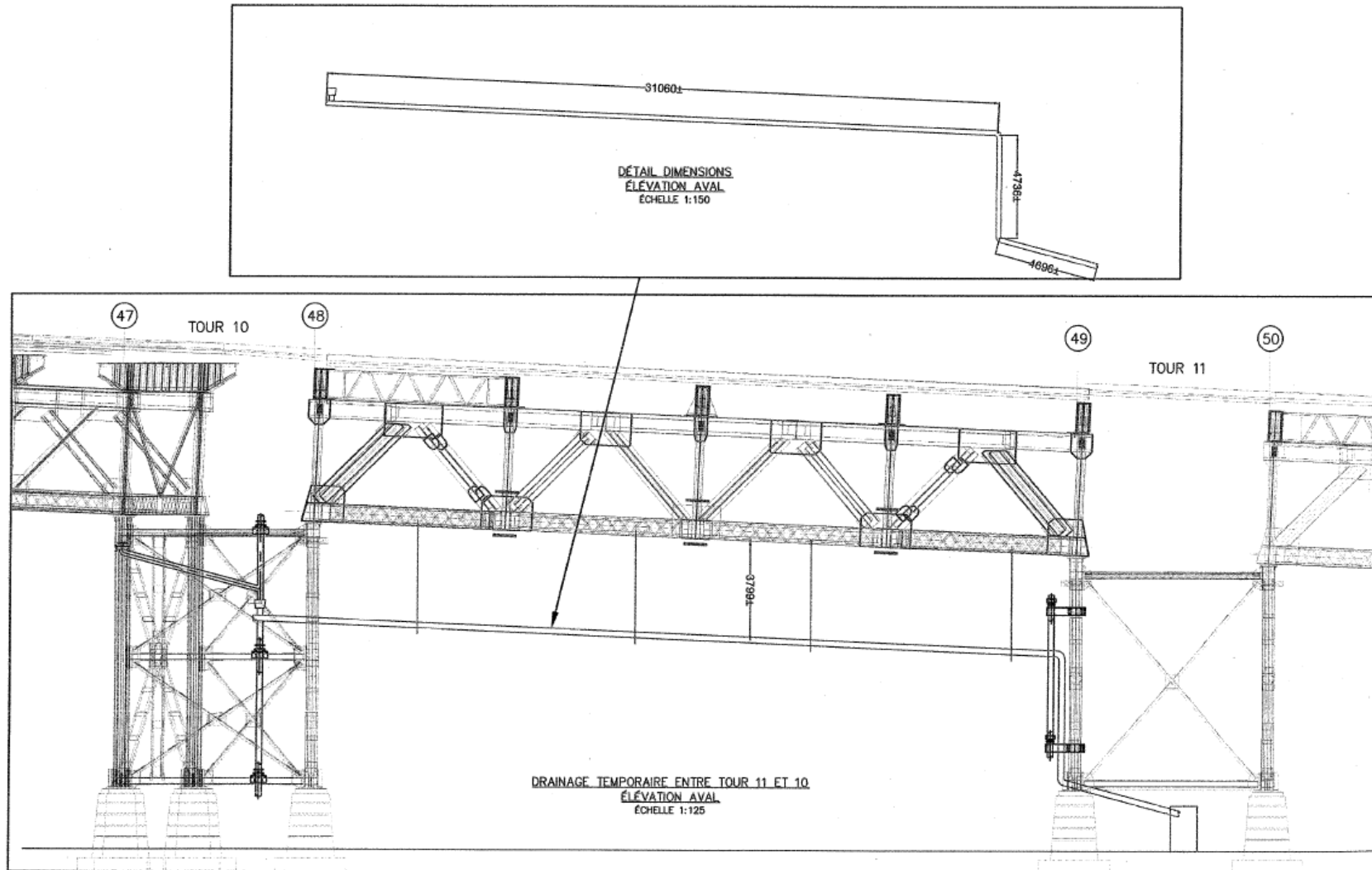


+ Future steel work

- Steel replacement and reinforcement
 - Steel towers
 - Gussets / diagonals
 - Bottom chords
 - Removal of metal rivets / bolting operations
- Cleaning and painting
- Implementation of a temporary solution for drainage problem
- No major traffic hindrances
- Scheduled end date:
Fall 2019



Temporary drainage solution



Noise management program



+ Planned mitigation measures:

- Installation of an acoustic enclosure that fully covers the work zone
 - No noisy work before full installation of acoustic enclosure
 - No work planned between Tansley and Falardeau



Acoustic enclosure tested during previous work phase (very positive results)

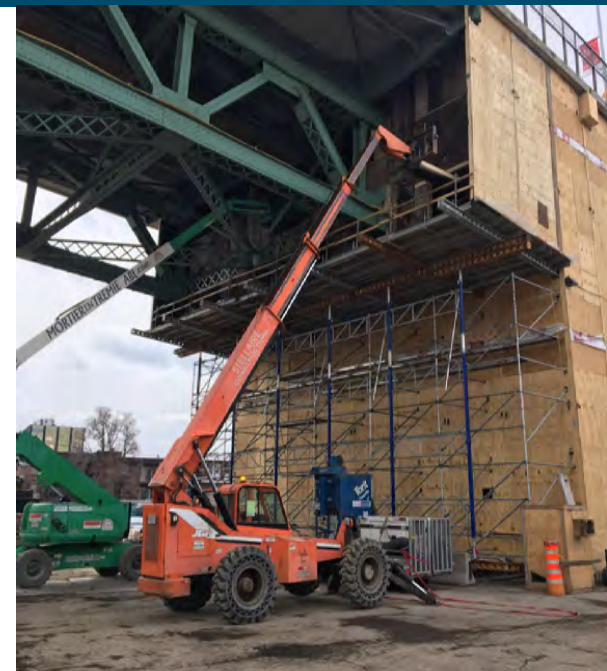


Noise management program

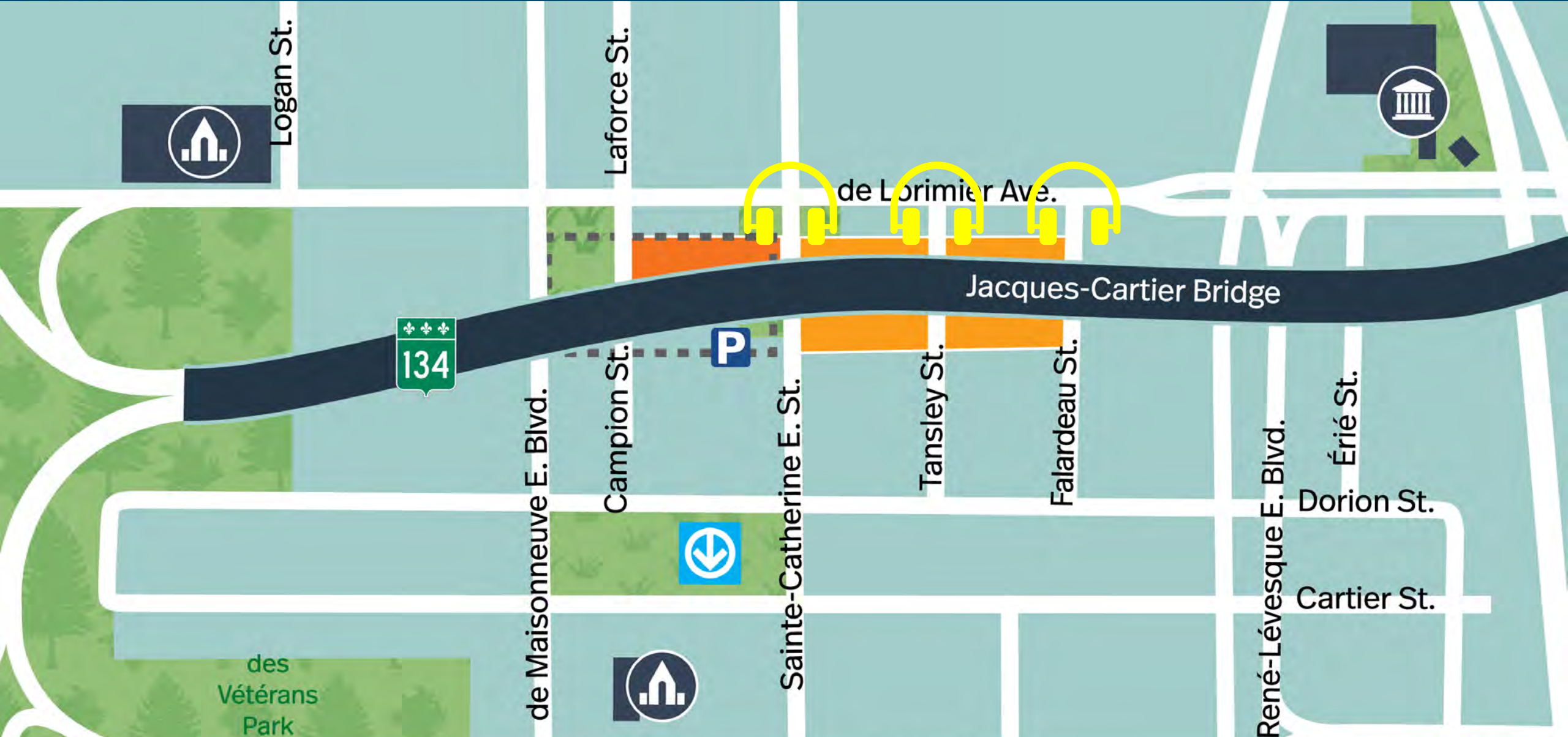


+ Planned mitigation measures:

- Noisy work carried out mostly during the day
 - Work shifts: 7:00 a.m. to 5:00 p.m. (Monday to Thursday) and 7:00 a.m. to noon (Friday)
- Non-noisy work done at night for the most part
 - About forty night closures planned (9:00 p.m. to 5:00 a.m.)
- Installation of three sound stations and ongoing sound readings
- Use of equipment with white noise alarms (boom lifts and forklifts)
- Containment of compressors
- Work area optimization
 - Attention paid to the choice and position of temporary lighting



Sound level meters and parking



Overview of other active work sites



- + Steel work on the Jacques Cartier Bridge:
 - Superstructure (between Montreal and Île Ste-Hélène)
 - Cleaning, painting, and reinforcement of bridge's steel structure (sidewalk side)
 - Scheduled end date: December 2018
 - Cleaning, painting, and reinforcement of bridge's steel structure (multipurpose path side and sidewalk side)
 - Start date: January 2019
 - Île Sainte-Hélène and Île Notre-Dame sectors
 - Steel reinforcement work
 - Scheduled end date: Spring 2019
 - Longueuil
 - Steel reinforcement work
 - Scheduled end date: December 2018



Future work



- + Revitalization of land near the Jacques Cartier Bridge (Phase 1 / 2019-2020)
 - Construction of staircase to optimize pedestrian mobility on sidewalk side (summer 2019)
 - Located on east side of the bridge (De Maisonneuve Blvd.)
 - Architectural lighting to make it safer to use the staircase
 - Work to reinforce masonry piers on both sides of Sainte-Catherine Street (2020)



Future work



- + Revitalization of land near the Jacques Cartier Bridge (Phase 2 / 2020-2021)
 - Complete overhaul of drainage system between De Maisonneuve and René-Lévesque

(Phase 3 / 2021-2024)

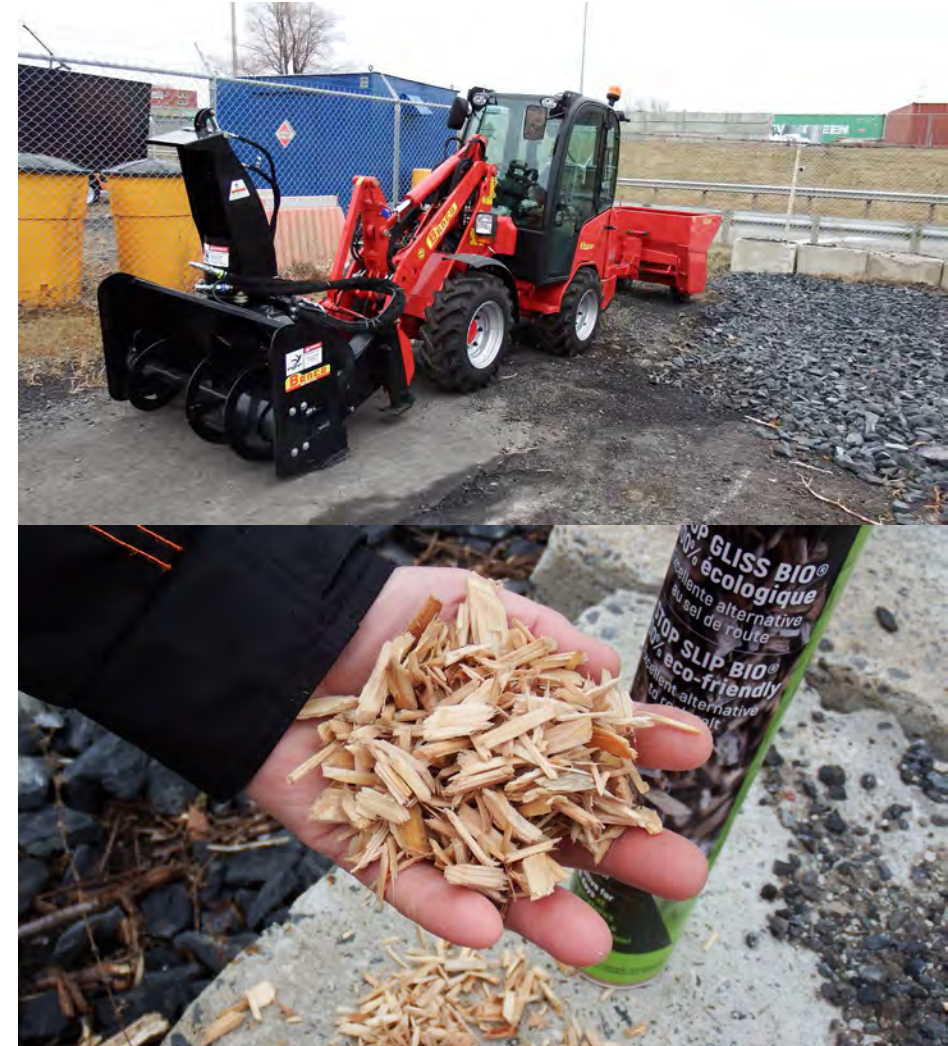
- Redevelopment of land under the bridge
 - Development proposed in 2017 is currently being reviewed
 - New public consultations and Special Planning Program of the Ville de Montréal (2019-2020)



Update – Bicycle network



- + Pilot winter maintenance project on the Jacques Cartier Bridge multipurpose path (2017-2018)
 - After an analysis of the study report, JCCBI has decided not to keep the path open this winter
 - Different snow removal options and deicing products were analyzed and tested for the pilot project
 - No viable and safe solution was identified that would keep cyclists safe on this unique path in the winter



Update – Bicycle network



- + Pilot winter maintenance project on the Jacques Cartier Bridge multipurpose path (2017-2018)
 - Combination of winter safety issues
 - Complex weather conditions above the St. Lawrence River
 - Atypical geometry of the path
 - Risk of falling ice from the structure above
 - JCCBI will continue to work to find solutions





Discussion period



Let's stay connected!



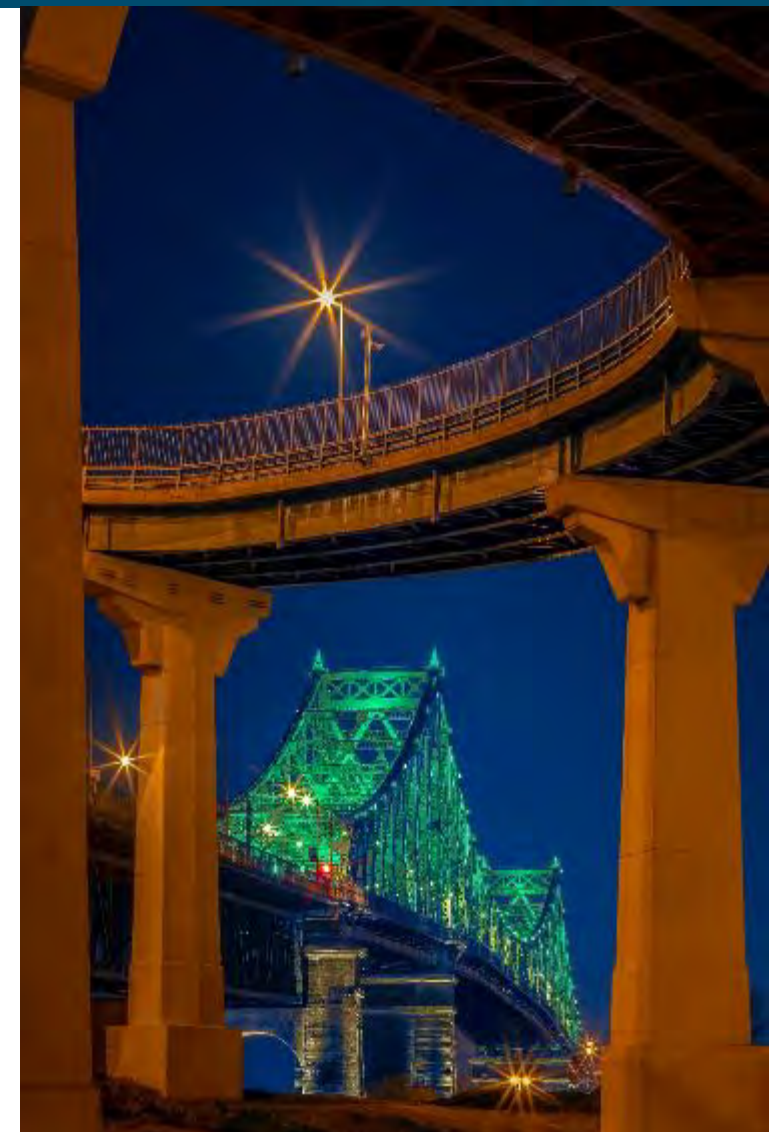
Information and communication tools

- + Notices to residents
- + Work advisories available online and via e-mail alerts
- + Resource people
- + Good Neighbourly Relations Committee
- + Twitter account for the Jacques Cartier Bridge @pontJCBridge
- + www.JacquesCartierChamplain.ca

Questions or comments?

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

Next meeting to be determined





Participez à la conversation

JacquesCartierChamplain.ca

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