Good Neighbourly Relations Committee

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

November 14, 2018
Good Neighbourly Relations Committee

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

Site trailers

Take-down of work zone

New work zone between Ste-Catherine and Falardeau
Steel work (Montreal sector)

Current status of steel work

- Contractor: Stellaire Construction
- Work monitoring: WST
- Take-down of work zone (between Campion 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 Campion 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)
      o Scheduled end date: December 2018
    • Cleaning, painting, and reinforcement of bridge's steel structure (multipurpose path side and sidewalk side)
      o Start date: January 2019
  - Île Sainte-Hélène and Île Notre-Dame sectors
    o Steel reinforcement work
      o Scheduled end date: Spring 2019
  - Longueuil
    o Steel reinforcement work
      o 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?

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Next meeting to be determined