



December 22, 2020

Mr. Paul Treboutat
Director, Investigations, Rail/Pipeline
Transportation Safety Board of Canada
200 Promenade du Portage, 4th Floor
Gatineau, Quebec
K1A 1K8

Dear Mr. Treboutat,

**RE: Follow-up to November 27 Meeting – Rail Safety Advisory Letter 08/20, TSB
File No. R20H0079, Cracked Wheels on Ottawa Light Rail Transit Vehicles**

Following our meeting on November 27, 2020, I am writing to express our appreciation for the collaborative effort that has occurred to-date to address the issue of cracked and stressed wheels on Ottawa Light Rail Transit (OLRT)'s vehicles.

As discussed during the meeting, and as noted by the Transportation Safety Board of Canada (TSB), since the identification of the first wheel crack July 2nd, 2020, OC Transpo has engaged stakeholders and used a diligent and proactive approach, which has included the following:

- Promptly engaging Alstom to initiate an inspection of the entire LRV fleet, as well as daily wheel inspections which are still ongoing;
- Engaging Alstom to undertake a detailed investigation encompassing finite element stress analysis, strain gauge measurements and field observations;
- Cooperating with TSB in all aspects of their independent investigation which we support and value;
- Engaging Alstom to undertake a wheel retrofit program which is being expedited to complete the active fleet by Q1 2020 (further details below);
- Engaging Alstom following the TSB advisory (dated November 4, 2020) to further enhance the effectiveness of inspections and to reposition the ground cable to get a better view of the jacking screws; and,
- Using a risk-based approach to determine appropriate actions to mitigate risk from the onset of this issue, throughout the inspection process, and until completion of retrofits.





OC Transpo management have been and remain actively involved through the entire investigation and assessment of the system, engaging both external consultants with specialized expertise in these types of occurrences, and our contractor partners at Rideau Transit Maintenance (RTM) and Alstom.

The wheels on 13 of the 34 Stage 1 vehicles (38%) have been retrofitted to-date with new or stress-free wheels. The Stage 1 vehicles are expected to be 100% complete by mid-March 2021 with the wheel center replacement workstation that Alstom is establishing in Ottawa. The remaining Stage 2 vehicles will be retrofitted by mid-June, as per the November 27 presentation.

Thank you, we look forward to continued discussions and collaboration with the TSB.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Steve Kanellakos', written over the typed name.

Steve Kanellakos
City Manager

cc. John Manconi, General Manager, Transportation Services Department
Brandon Richards, Chief Safety Officer, Safety, Regulatory, Training & Development

