



Institute for  
**HEART+LUNG Health**  
Strong beats. Clear breaths. Full lives.

Department of Medicine  
University of British Columbia  
2775 Laurel Street, 7th Floor  
Vancouver, B.C. Canada V5Z 1M9  
Phone: 604-875-4729  
Fax: 604-875-4727

Saturday, 06 January 2018

Dear Stakeholders,

I am writing to followup my January 2017 and June 2017 letters regarding the interchange at 216<sup>th</sup> in Langley, on the north side of Highway 1.

As I understand it, there has been progress in that a new Health Impact Assessment (HIA) is now being planned. I am happy to hear this, given that I did previously advocate for an HIA for several reasons previously detailed.

At this point, I would encourage the Ministry of Transportation and Infrastructure to make that HIA a *comprehensive* one. This is very important because of the dynamics of the 216 interchange moving forward. In particular, the actual increase in traffic volumes, pollution (air and noise) emissions, and other health-related variables is difficult to predict. Even the best models leave considerable uncertainty and so I believe it is incumbent on this process, for best diligence, for the HIA to be comprehensive.

This could (and I believe should) be very important in any decisions regarding the extent to which 216<sup>th</sup> is part of the Major Road Network. Related decisions should rely substantially on an ongoing

(comprehensive) and robust HIA.

In summary, while I do think that the interchange was poorly considered from the outset (in terms of proximity to the schools and homes of that community), I am encouraged that the seriousness of my concerns, and indeed those of the local community, seem to have resonated in terms of the Ministry agreeing to an HIA. Now I strongly encourage the Ministry to make that HIA robust and comprehensive, to protect the health of local British Columbians.

Sincerely,



Chris Carlsten, MD MPH FRCPC ABIM

Astra-Zeneca Endowed Chair  
Canada Research Chair in Occupational and Environmental Lung Disease  
Professor of Medicine  
Associate Faculty, School of Population and Public Health  
Primary Investigator -- Institute for Heart and Lung Health  
University of British Columbia

Staff Respiriologist and Director of Occupational Lung Disease Clinic  
Vancouver General Hospital

Mailing address: 2775 Laurel Street, 7th Floor (The Lung Centre), Vancouver, BC V5Z 1M9

Tel: 604-875-4729

Fax: 604-875-4727

Twitter: @PollutionLab

<https://pollutionlab.wordpress.com/research-team/>