



August 21, 2017

To: Maria Guerra <mguerra@mapleridge.ca>
cc: Michael Eng <meng@mapleridge.ca>

Re: **Open House 227th Street between Dewdney Trunk Road and Abernathy Way;
separated bike lanes**

Maria,

Our HUB Cycling Committee is happy to see that the proposed design for 227th Street accommodates people on bikes of all ages and abilities.

We like the raised 0.5 m wide buffer between the bike lane and northbound car lane on the east side, and the parking-protected bike lanes with a 0.95 m striped buffer on the west side of 227th Street.

A few suggestions:

- Provide parking on alternate sides, which will make the street "meander". This may help to slow down traffic.
- Increase parking setbacks, as good sight lines are critical for cyclist safety. From the [NACTO Urban Bikeway Design Guide](#):
If the cycle track is parking protected, parking should be prohibited near the intersection to improve visibility. The desirable no-parking area is 30 feet from each side of the crossing.

Also from the NACTO Urban Bikeway Design Guide:

- *For motor vehicles attempting to cross the cycle track from the side street or driveway, street and sidewalk furnishings and/or other features should accommodate a sight triangle of 20 feet to the cycle track from minor street crossings, and 10 feet from driveway crossing.*
- *Motor vehicle traffic crossing the cycle track should be constrained or channelized to make turns at sharp angles to reduce travel speed prior to the crossing.* (Generally, turn radii tend to be very forgiving for motorists at standard Maple Ridge intersections, which leads to high speed turns).

Kind regards,

Ivan Chow, Co-Chair
HUB Cycling
Maple Ridge/Pitt Meadows Chapter

JC/IC/LJ