



October 20, 2017

To: Erica Messam <emessam@mapleridge.ca>
Michael Eng <meng@mapleridge.ca>

Re: **Open House October 12, 2017**
232nd Street reconstruction, 132 Avenue to Silver Valley Road

Hi Erica,

Our HUB Cycling committee is looking forward to seeing the reconstruction of 232nd Street materialize.

The design looks good overall. A few comments:

Driveways crossing the multi-use path

It's important to clearly indicate the right of way on the multi-use path across driveways and side streets. The image below from the [NACTO Urban Bikeway Design Guide](#) shows how the pathway can be kept level through the driveway access.

The driveway crossing is painted green to indicate a cyclist crossing. Parents with kids are likely to use the multi-use path on the east side of the road for both their uphill and downhill trips, and drivers should be made aware of the possibility of bicycles approaching from the north, which could be moving at considerable speed due to the downhill slope.





We would like to see a gradually ramped maximum 3" drop from any raised (above grade) path surface down to each driveway entrance surface, with a rounded (filleted) 3" to 4" balance of the drop left for the cars to climb on/off of.

Further, we would like to point out that driveway aprons commonly have grooves that may sometimes destabilize people on bikes with thinner tires, such as road cyclists. The use of these types of driveway aprons should be avoided on any cycling facility.

Pedestrian/cyclist crossing across 132 Ave.

The approach to the crossing on the north side, right along the roadway, requires a sharp turn to cross. It would be preferable to lead the path away from the roadway so that cyclists can turn to position themselves perpendicular to the road before crossing.

So instead of this:





it would be preferable to have the pathway designed as follows:



We would also like to see the design of the roundabout changed slightly to add a bit more of a curve on that side to make cars slow down. It would, of course, be preferable to keep any remaining vegetation on this corner if possible, but visibility of cyclists and pedestrians crossing especially at this crossing may be an issue. Slowing down cars will help mitigate this.

Kind regards,

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

JC/IC/BB/LJ/DW