

This is the submission of Kevin Love of the City of Hamilton for the Addendum to the Environmental Project Report for the Hamilton Light Rail Transit project.

I recommend that protected bicycle lanes be included in this project, as was done with the Eglinton Crosstown LRT project in Toronto. For details, see:

<https://www.cycleto.ca/protected-bike-lanes-eglinton>

Please note the photograph in the linked web page of the concrete protective barrier. I am proud to have worked in a Hamilton manufacturing plant. If there was only a painted line between human beings and dangerous moving machinery, the Ministry of Labour would shut us down in a heartbeat. People on our streets deserve no less protection.

In order to provide the necessary right-of-way for this human safety, I recommend that one or more existing motor vehicle lanes be removed. This is very important because right now:

1. An average of 93 people are poisoned and killed by motor vehicle operators every year in the City of Hamilton.
2. Every year, an average of 358 people in Hamilton are hospitalized because they were poisoned by motor vehicle operators.

These numbers were determined by the City of Hamilton Public Health Services working in cooperation with the Ontario Ministry of the Environment and private sector partners. Source:

<http://www.cleanair.hamilton.ca/downloads/CAH%20Report%202013%20-%20Final.pdf>

In addition to these poisoning deaths and injuries, motor vehicle operators also:

1. Crush and kill an average of 16 people per year in the City of Hamilton.
2. Motor vehicle operators also crush an average of 1,824 people per year and inflict non-fatal injuries.
3. The average annual cost of motor vehicle collisions is \$608 million.

These numbers were taken from the City of Hamilton's Vision Zero web page at:

<https://www.hamilton.ca/streets-transportation/driving-traffic/vision-zero>

The solution to this serious problem of death and injuries is by a transportation mode shift to walking, cycling and public transit. This can be done by making walking, cycling or public transit the fastest, easiest and most convenient way of safely travelling from A to B for where people want to go in Hamilton.

By removing one or more current motor vehicle lanes from the LRT right-of-way and replacing them with protected bicycle lanes, we can make a big step forward in human safety. This action not only helps make cycling a safe way of fast, easy and convenient transportation. It also reduces the street's motor vehicle capacity, thereby eliminating both poisoning and crushing deaths and injuries.