

## Attachment 2

### École Irvine Elementary School - Traffic Management Analysis

#### ***Volume and Speed***

Traffic speed and volume counts were conducted on Robin Pl to quantify the neighbourhood impacts and perform a warrant analysis. These are summarized in the table below:

Robin Pl - Chelsea to Cul-de-sac	
2-way AVG 85% Speed	30.7 km/hr
2-way AVG Daily Volume	86 veh/day

Based on industry guidelines, the Transportation Association of Canada considers Robin Pl be a local road with a design speed limit of 50 km/hr and a daily traffic volume capacity of 1,000 vehicles per day. The table above indicates Robin Pl to be functioning well within designed capacity and speed threshold.

#### ***Drop-off/Pick-up***

##### Renton Ave

Renton is a local road with a width of 8.5 m. There is a no stopping during school days 8am to 9am & 2pm to 4pm restriction on the south side of the road, extending into and around the cul-de-sac on the east end.

In response to a previous Parent Advisory Committee request, no stopping anytime restrictions are posted on Renton Ave east of Wellington. Renton Ave is constructed with rollover curbs in place of barrier curbs and consequently, parents observed a number of vehicles pulling up onto the curb to park. Accordingly, no-parking restrictions were implemented to alleviate pedestrians from sharing the sidewalk with vehicles. This displaced pick-up and drop-off to peripheral streets such as Robin Pl.

##### Robin Pl

In response to the increase of pick-up/drop-off activities on Robin Pl, staff have received requests for installation of school zone signage on Robin Pl. However, staff follow the Transportation Association of Canada's guidelines to site school and park zone signage, and Robin Pl does not meet the national requirements, namely the road is not immediately adjacent to a school site.

## Traffic Management Review - BC Christian Academy & École Irvine Elementary School

Additionally, staff suggested that Robin PI be considered within the sidewalk program in order to separate pedestrians from vehicle traffic, however understand sidewalks are not supported by the majority of residents.

Regardless, understanding that Irvine Elementary is scheduled for replacement, staff reached out the principal of Irvine Elementary, to discuss any temporary access improvements which could be made at the school site to offset the need for pick-up and drop-off on Robin PI.

### ***Current Traffic Management Initiatives***

The staff from École Irvine Elementary School have taken the following measures to address traffic safety concerns:

- School Principal and Parent Advisory Committee monitor the south side of Renton Ave which is posted as no stopping, 8:00am to 9:00am and 2:00pm to 4:00pm, School Days
- Staff regularly send out traffic information in their school newsletters
- School staff participate with City Bylaw Enforcement Officers to encourage voluntary compliance from parents and welcome increased enforcement