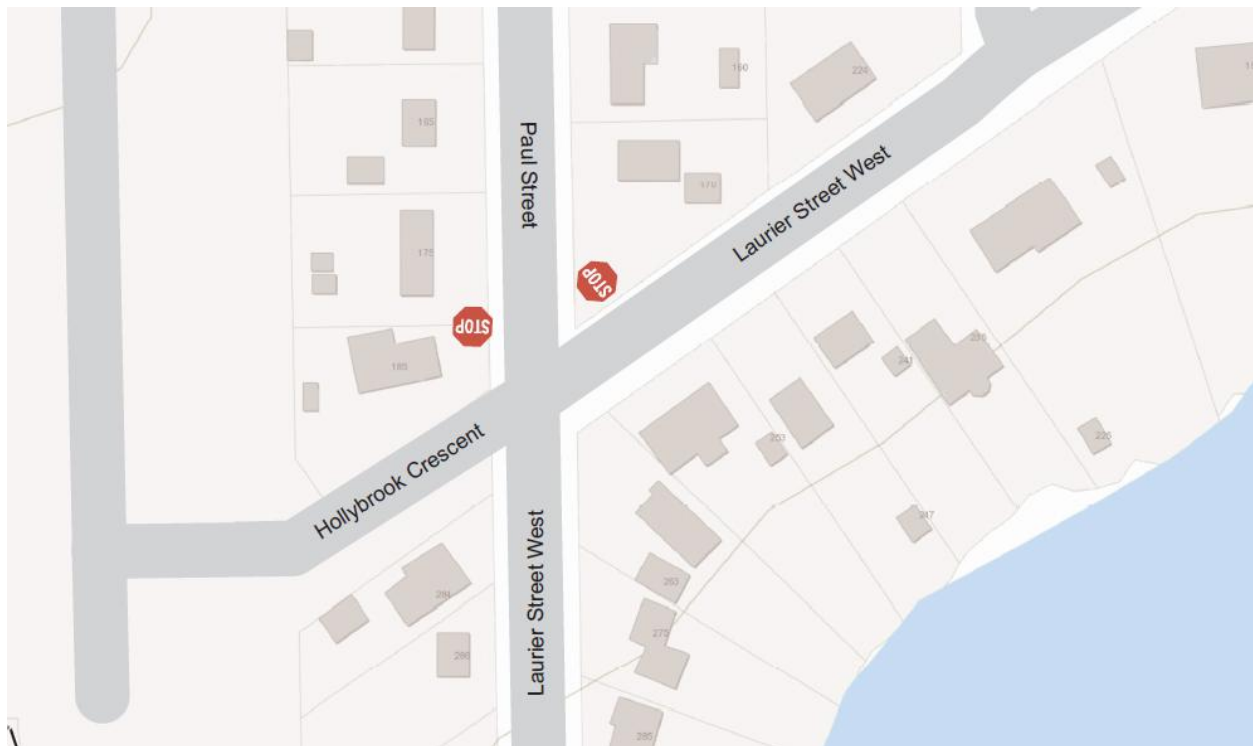


## **Right of way Reassignment Paul Street at Laurier Street west and Hollybrook Crescent**

The City's Transportation and Innovation Services section received requests from area residents to review the intersection of Paul Street at Laurier Street West and Hollybrook Crescent where a non-standard system of traffic control was implemented. The requests were received in response to the City recently assuming Hollybrook Crescent and no traffic control being present for vehicles approaching the intersection from the west.

Paul Street, Laurier Street West and Hollybrook Crescent intersect forming a cross intersection. Currently there are two stop signs installed at the intersection; one facing westbound traffic on Laurier Street West and one facing southbound traffic on Paul Street (see Figure 1 below). This is not a standard form of traffic control at a cross intersection and may result in some confusion, especially for the drivers who are not familiar with the area.



**Figure 1 – Existing traffic control at the subject intersection**

Staff first reviewed whether an all-way stop was warranted at this intersection. A turning movement count was completed at the intersection on July 11, 2019. Applying the data to the City's minimum vehicle volume warrant indicates that the total vehicle

volume meets only 47% of the minimum volume requirements (see Exhibit A). A review of the City's collision data from 2015 to 2019 year to date revealed that there were no reported collisions at the intersection during this period.

Based on traffic volume and collision history, an all-way stop is not warranted at this intersection. However, in order to improve safety and to implement a standard uniform system of traffic control, it is recommended that traffic be controlled with a Stop sign facing eastbound traffic on Hollybrook Crescent and westbound traffic on Laurier Street West. It is recommended that a by-law be passed to amend the Traffic and Parking By-Law 2010-1 in the City of Greater Sudbury, to implement this change.

The process for reassigning the right-of-way at an intersection is a multiple step process which can be confusing to drivers. To try and minimize the risk of a collision, the Ontario Traffic Manual (OTM) has provided a procedure that is to be followed to safely carry out the transition. The intent of the procedure is to change driver expectation and behavior by alerting drivers to a state of operational change. The following is a summary of the required procedure:

- i. The process will begin by installing new stop signs facing northbound traffic on Laurier Street West and eastbound traffic on Hollybrook Crescent with appropriate tabs to create an all-way stop at the intersection. The all-way stop is to remain in effect for at least 15 days.
- ii. At the same time, large signs will be installed facing eastbound traffic on Hollybrook Crescent and westbound traffic on Laurier Street west indicating "cross traffic does not stop". Below this sign, a tab sign is installed stating "After", with the month and day indicating when the stop sign will be removed.
- iii. After minimum of 15 days, the stop signs facing both northbound traffic on Laurier Street west and southbound traffic on Paul Street will be removed. The tab signs with the month and day are also removed.
- iv. After an additional period of a minimum of 15 days, the "cross traffic does not stop" signs are removed.

Besides utilizing the above sign installation procedure, staff will issue a public service announcement to advise the public of the change in traffic control at the intersection. Greater Sudbury Police Services will also be requested to increase the level of enforcement at the intersection during the transition period.

**Resources Cited:**

Ontario Traffic Manual, Book 5 – Regulatory Signs, March 2000.