



# Exhibit A

## CITY OF GREATER SUDBURY

### ALL-WAY STOP WARRANTS

Location: Paul St - Laurier St. - Hollybrook Cr Date: 9/24/2019  
 Date of TM Count: 7/11/2019 Analyst: SB  
 Type of Intersection: Cross

#### All-Way Stop Warrant Summary

Warrant #1	Minimum Vehicle Volume	47%	%
Warrant #2	Collision History	0%	%
Warrant #3	Traffic Control Signals	NO	Y/N
All-Way Stop Warranted?		NO	Y/N

#### Warrant #1 - Minimum Vehicle Volume

Roadway Type	Arterial/Major Collector	Minor Collector	Local	Vehicles per hour	Percent Compliance
AADT	> 5000	1000 - 5000	< 1000		
Count Period	7 hours	4 peak hours	4 peak hours		
Total vehicle volume from all approaches is ≥	500	350	250	164	47%
Veh + Pedestrian volumes from side street is ≥	200/hr	140/hr	N/A		
Traffic Split	70/30	70/30	70/30	70/30	100%

#### Warrant #2 - Collision History

Roadway Type	Arterial/Major Collector	Minor Collector	Local	Number of Collisions per year	Percent Compliance
Collisions per Year over 3 year period	4*	3*	2*	0	0%

<b>Warrant #3</b>	<b>Traffic Control Signals are warranted and urgently needed, signs to be used as interim measures.</b>	<b>NO</b>	<b>Y/N</b>
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\* Only those collisions susceptible to relief through multi-way stop control must be consider (i.e. right angle and turning types).

- If the intersection meets warrant # 1, then the all-way stop is recommended regardless of the remaining warrants.
- If the intersection does not meet warrant #1 and does not meet warrant #2, then the all-way stop is not recommended.
- If the intersection does not meet warrant #1 and does meet warrant #2, then the all-way stop is recommended.