

# EXHIBIT: B



## CITY OF GREATER SUDBURY ALL-WAY STOP WARRANTS

Location:	Algonquin Road at Field Street	Date:	October 2, 2012
Date of TM Count:	Tuesday, September 25, 2012	Analyst:	JR
Type of Intersection:	Cross		
Roadway Type	Minor Collector		
AADT of Main Road:	2000		

### All-Way Stop Warrant Summary

Warrant #1	Minimum Vehicle Volume	100.0	%
Warrant #2	Collision History	11.1	%
Warrant #3	Traffic Control Signals	No	Y/N

**All-Way Stop Warranted?** **Yes** 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/hr	350/hr	250/hr	362	100.0%
Veh + Pedestrian volume from side street is	200/hr	140/hr	N/A	196	100.0%
Traffic Split	70/30	70/30	70/30	54/46	100.0%

#### 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*	1/3	11.1%

**Warrant #3** **Traffic Control Signals are warranted and urgently needed, signs to be used as interim measures.**

**No**

**Y/N**

\* Only those collisions susceptible to relief through multi-way stop control must be considered (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.