## APPENDIX A

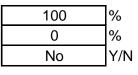


## CITY OF GREATER SUDBURY ALL-WAY STOP WARRANTS

Location:	Moss Street at Beaumont Avenue	Date:	May 11, 2020
Date of TM Count:	November 20, 2019	Analyst:	DK
Type of Intersection:	Т	·	
Roadway Type	Local	•	
AADT of Main Road:	900		

## **All-Way Stop Warrant Summary**

Warrant #1 Warrant #2 Warrant #3 Minimum Vehicle Volume Collision History Traffic Control Signals



Yes

Y/N

## **All-Way Stop Warranted?**

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	292	100%		
Veh + Pedestrian volume from side street is ≥	200/hr	140/hr	N/A	147	N/A		
Traffic Split	70/30	70/30	70/30	50/50	100%		

Warrant #2 - Collision History							
Roadway Type	Arterial/Major Collector	Minor Collector	Local	Total Number of Collisions	Percent Compliance		
Total Collisions	Collector	Collector			Compliance		
over a 3 year period	12*	9*	6*	0	0%		
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 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.