



City of Kawartha Lakes
All Way Stop Warrant

Appendix B
to
Report ENG2024-020

Intersection: St Marys and Fleetwood
Count Date: May 27, 2024

Type: Local

Warrant	Description	Urban Arterial	Collector or Rural Arterial	Local	Results	Meets Warrant?
Minimum Vehicle Volume	A. Total vehicular volume entering intersection from all approaches to exceed specified amount for each hour of an eight hour period and	500 veh/hr	375 veh/hr	200 veh/hr for each highest 4 hours	0 of 4 Hours Met	No
	B. Combined vehicle and pedestrian volume for minor street to exceed specified units for each hour in eight hour period.	200	150	75 /hr for same 4 hours	0 of 4 Hours Met	No
	or B2 Minor street veh and ped for each hour exceeds amount with average delay for minor street over eight hours.	150 with 30 sec delay	120 with 30 sec delay	N/A		
Directional Split	D. Major/Minor directional split of vehicle entering intersection over eight hours not to exceed. Major St veh only. Minor St veh and peds	70/30 4-way 75/25 3-way	70/30 4-way 75/25 3-way	70/30 4-way 75/25 3-way	30 / 70	Yes
Accident Criteria	A. Average reported accidents (susceptible to relief through multi-stop control) per year for a three year period.	4	3	3	0	No
	B. Adequate trail of less restrictive remedies has failed to reduce accident frequency.					
Interim Measure	All way stops may be used as an interim measure where traffic signals are warranted.					
Sight Distance	All way stops may be used where the minimum sight distance is not achieved.					
Warrant Met?	The warrant is deemed to be met if the minimum vehicle volume AND directional split is met OR the accident criteria is met.					
Recommendation:	With 30% of the volume, it is not appropriate for St Mary's Rd to have the through right of way over the currently stop controlled Fleetwood Road.					

Minimum Vehicle Volume must be Yes for A, B or B2, and D

Accident Criteria must be Yes for A and B

Must meet both Minimum Vehicle Volume AND Directional Split, or just Accident Criteria.