



City of Kawartha Lakes
All Way Stop Warrant

Intersection: Mary St W and Adelaide St S
Count Date: Feb 7, 2024

Collision Record Filter: Jan 1, 2022 to Dec 31, 2024

Type: Collector

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	7 of 8 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	2 of 8 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	80 / 20	No
Accident Criteria	A. Average reported accidents (susceptible to relief through multi-stop control) per year for a three year period.	4	3	3	3	Yes
	B. Adequate trail of less restrictive remedies has failed to reduce accident frequency.					No
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:	Mary St W is designated as an arterial road, however due to the residential density here, it is recommended that the criteria for collector road be used for the purpose of this warrant. The use of less restrictive measures will not decrease the current delay at the stop control which is encouraging risky turns. Therefore, it is recommended that the Accident Criteria warrant be deemed to have been met.					

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.