



City of Kawartha Lakes
All Way Stop Warrant

APPENDIX "A"
to REPORT EN/6-2024-014
FILE NO

Intersection: William St N and Colborne St W
Count Date: July 11, 2023

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	8 of 8 Hours Met	Yes
	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	5 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	75 / 25	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.					Yes
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.					Yes
Recommendation:	<ul style="list-style-type: none"> - Collector type used due to high residential density - Average 3 collisions per year over the last three years. - New 40 speed area and previous use of electronic speed board failed to reduce accident frequency, therefore the All-way stop Accident criteria is 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.



City of Kawartha Lakes
All Way Stop Warrant

Intersection: William St N and Elgin St
Count Date: October 16, 2023

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	2 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	0 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	89 / 11	No
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:	Criteria not met for an all-way stop					

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.