



City of Kawartha Lakes  
 All Way Stop Warrant  
 25% Peak Seasonal Factor

Intersection: Monck Rd (KL Rd 45) and Kirkfield Rd (KL Rd 6)  
 Count Date: September 15, 2022

Type: Rural Arterial

Warrant	Description	Urban Arterial	Collector or Rural Arterial	Local	Actual Count	Meets Warrant?
Minimum Vehicle Volume	<b>A.</b> 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	<b>Avg 272 Veh/hr</b>	<b>No</b>
	<b>B.</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	<b>Avg 45 Veh/hr</b>	<b>No</b>
	<b>or B2</b> 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	<b>D.</b> 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	<b>83 / 17</b>	<b>No</b>
Accident Criteria	<b>A.</b> Average reported accidents (susceptible to relief through multi-stop control) per year for a three year period.	4	3	3	<b>0</b>	<b>No</b>
	<b>B.</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.					
<b>Recommendation:</b>	<b>Volume warrant 30% met. Split failed. Zero reported collisions in 8 years of available data. Warrant not met.</b>					

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.