

All Way Stop Warrants

Warrant Group	Minimum Warrants	Information	Warrant Compliance Yes / No
Warrant Group 1	If location satisfies either a or b, then an all way stop is warranted.		
	a) Traffic Signals are warranted, all way stop used as a temporary measure.		
	b) Average of three accidents per year over a three year period of a type susceptible to correction by such an installation.		
Warrant Group 2	If location does not satisfy either c, d, and e then all way stop is not permitted.		
	c) If the proposed location is on a Transit Route (Proposed or Existing) or Truck Route, then no all way stop will be permitted.		
	d) If proposed location is within 250 metres of another right of way control measure (Traffic Signal, Other All Way Stop etc) than no additional all way stop will be permitted.		
	e) If the proposed location is not between two "like" classifications of roads, then an All Way Stop will not be permitted. (Example: Intersections between Arterial Roads and Collector Roads or Local Roads will not be permitted to have an All Way Stop.)		
Warrant Group 3	Proposed location must meet the following combination of Traffic Volume criteria to warrant an all way stop.		
	f) Total vehicular volume from all directions is 250 vehicles per hour or more. and satisfies either "i" or "ii"		
	i) Combined vehicular and pedestrian volume crossing the main street (direction with majority of traffic) is 150 units per hour or more.		
	Or		
	ii) The pedestrian volume crossing the main street exceeds 200 units over an 8 hour period.		
	and satisfies condition g		
	g) The volume of traffic on all directions represents a direction split less than or equal to 65% on main road and 35% on the minor road.		

Explanation:

- a) If the proposed location meets the warrants in group 1, then the all way stop will be granted regardless of the remaining warrants.
- b) If the proposed location does not meet the warrants in group 1, and does not satisfy the conditions in group 2 then an all way stop will not be permitted regardless of the outcome of the remaining warrants.
- c) If the proposed location does satisfy the conditions in group 2, and does not meet the warrants in group 3, then an all way stop will not be permitted.
- d) If the proposed location does satisfy the conditions in group 2, and does meet the combination warrants in group 3, then an all way stop will be permitted.
- e) If the proposed location doesn't satisfy the conditions in group 2, and does not meet the combination warrants in group 3, but there are inadequate sight lines/visibility or poor road geometry, special consideration may be given for stop installation.

Additional Information:

a) All Way Stops are not be used as a method of speed control. All Way Stops have been proven to increase mid block speeds, and have been known to reduce overall compliance of All Way Stops. All Way Stop requests pertaining to speed control will be directed for potential evaluation for Traffic Calming following the Traffic Calming Policy.

b) All Way Stops will result in an increase in noise and air pollution in the general vicinity of the location and in the neighbourhood at large.

c) At a typical four way stop, the following emissions are released collectively, from all vehicles traveling through a stop each year:

657 kg of hydro carbons

8,760 kg of carbon monoxide

675 kg of nitrogen oxide

65,700 kg of carbon dioxide

(Data Provided by the Ministry of Municipal Affairs and Housing)