

## **PROPOSED COMMUNITY SAFETY ZONE (CSZ) CRITERIA & WARRANT PROCESS** **REVISED**

### Warrant 1: Designated Areas of Special Consideration

CSZs must only be implemented at locations of special concern and that are obvious to the road user. CSZs shall only be considered at the following locations where posted speeds are 70km/hr or less and be a minimum length of 500 m:

- Elementary or Secondary Schools (including those with identified official school zones);
- Community centres, recreation areas, playgrounds, hospitals;
- High pedestrian traffic locations **(100 pedestrians/hr in any 8 hour period)**;
- Senior centres/residences, and;
- **Areas identified by Police**

Designated areas for special consideration (Warrant 1) must be satisfied before continuing onto the second component (Warrant 2).

## Warrant 2: Road Safety

The road safety warrant is comprised of a collision component and a risk component, either of which must be satisfied to meet Warrant 2.

- Collision Component:
  - Collision ratio < 1:900 (collisions/year : Average Annual Daily Traffic) averaged over 3 recent years

OR

- Road Safety Component:
  - Road safety risk factor will be determined based on the following scoring matrix shown in Table 1.
  - Designated areas of special concern identified in Warrant 1 with a safety risk scoring of **15 13** or greater will meet the road safety component of Warrant 2.

Table 1: Road Safety Scoring Matrix

Risk Factor	High (Score 3)	Moderate (Score 2)	Low (Score 1)	Score
Operating speed (km/h) (85 <sup>th</sup> percentile)	>70	50-70	<50	
Average Annual Daily Traffic (AADT)	Over 20,000 >7500	10,000 to 20,000 2500 to 7500	Under 10,000 Under 2500	
Number of travel lanes	4 or >	3	2	
Length of sidewalks	<25%	25% to 75%	>75%	
Truck volume	>5 %	3-5 %	<3 %	
Pedestrians crossing in any 8 hours	>100	50 to 100	<50	
Intersection and entrances per kilometre	> 10	4 to 10	< 4	
TOTAL SCORE				