

### CSZ Warrant 1 – Designated Areas of Special Concern - Regatta Avenue

Requires that the proposed Community Safety Zone be a location where special concerns related to public safety are obvious to the road user. In the case of Regatta Avenue, there is an adult education facility and library near the east limit @ Yonge Street and access to Russell Tilt Park mid-block between Yonge Street and Blackforest Drive. Regatta Avenue is approximately 875m in length and so satisfies the minimum length requirement of 0.5 kilometers to a maximum of 2.5 kilometers.

### CSZ Warrant 2 (Safety) Analysis – Regatta Avenue

RISK FACTOR	RISK FACTOR SCORING			Regatta Avenue	Score
	High (score 3)	Moderate (score 2)	Low (score 1)		
Average daily traffic	>10,000	5,000-10,000	<5,000	3,600 <sup>1</sup>	1
Number of lanes	>4	3 to 4	2	3 <sup>2</sup>	2
Length of sidewalk (% of road)	<25%	25% to 75%	>75%	100%	1
Truck volume (% of traffic)	>5%	3% to 5%	<3% to 1%	1%	1
Pedestrians crossing in any 8 hours	>75	40 to 75	<40	100 <sup>3</sup>	3
Intersection and entrances per km	>10	4 to 10	<4	77	3
85th percentile speed (km/h) over speed limit	>20	15 to 20	<15	22 <sup>4</sup>	3
Collisions per year for 3 years	>3	2 to 3	<2	0	1
				<b>TOTAL SCORE:</b>	<b>15</b>

#### Notes:

1. Based on results of traffic count conducted on June 9<sup>th</sup> & 10<sup>th</sup>, 2017.
2. Assume a cross-section with 1 parking lane and 2 through lanes
3. Based on pedestrian data from York Region for the intersection of Yonge/Regatta and observations of on-street parking activity and estimated pedestrian crossing volumes along Regatta Avenue in the vicinity of the Russell Tilt Community Park and the Dr. Bette Stephenson Centre for Learning
4. Based on results of traffic count conducted on June 9<sup>th</sup> & 10<sup>th</sup>, 2017. Assume a posted speed limit of 40 km/h as all Community Safety Zones within the City of Richmond Hill are located on roads where the posted speed limit is 40 km/h.