

APPENDIX B

THE CORPORATION OF THE TOWN OF OAKVILLE PUBLIC WORKS DEPARTMENT - TRAFFIC SECTION MINIMUM WARRANTS FOR THE INSTALLATION OF 3 & 4 WAY STOP SIGNS

LOCATION: Grand Oak Trail @ Blue Holly Cres.

SURVEY DATE: September 9, 2014

DATE COMPILED: September 24, 2014

COMPILED BY: Yaron Levgoren

NOTES OR COMMENTS: TMC 8 Hours

Minimum Requirements						Compliance		
Warrant	Description	Arterial	Major Collector	Minor Collector	Local	Sectional Numerical	Sectional %	Entire
1. Minimum Vehicular Volumes	(A) Vehicle volume for all approaches per hour, for 8 hours, and	500	400	350	300	213	53%	27
	(B) Combined vehicle and pedestrian volume from minor street per hour, for same 8 hours	200	160	140	120	43	27%	
	(C) Average delay per vehicle during peak hour for 'B'	30 sec.	25 sec.	20 sec.	15 sec.	N/A		
	(D) Volume split does not exceed	70/30	70/30	75/25 3 Way 65/35 4 Way	75/25 3 Way 65/35 4 Way	83/17		
2. Accident Hazard	Average number of accidents per year of types susceptible to prevention by a All-Way stop sign (During last 5 years)	5	5	4	4	0	0	0
3. Sight Line	Where sight lines prohibit an operator of a passenger car vehicle from observing a minimum distance of 84 metres				YES NO	NO		
4. Geometric Design	(A) A distance of 250m must be maintained between traffic control devices, signals, other stop signs or legal pedestrian crossovers				YES NO	YES		
	(B) All-Way stop sign must only be used at two like roadways. Each approach should contain the same number of lanes and have non-skewed approaches				YES NO	YES		

- Notes:**
1. No All-Way Stop shall be installed unless the above warrants are 100% fulfilled, unless at locations where sight distance is limited and considered contributory to accident occurrence, the minimum traffic volume would be 80% of the above.
 2. The lowest sectional percentage governs the warrant.