

GENERAL DATA										
STEP 1	NORTH APPROACH:	St. 1		CLASSIFICATION:		LEGAL SPEED:				
	SOUTH APPROACH:	St. 2		CLASSIFICATION:		LEGAL SPEED:				
	EAST APPROACH:	St. 3		CLASSIFICATION:		LEGAL SPEED:				
	WEST APPROACH:	St. 4		CLASSIFICATION:		LEGAL SPEED:				
GENERATED BY:			DATE:		COMPILED BY:		DATE:			
ALL-WAY STOP REQUIREMENTS										
WARRANT BASIS (HIGHEST RD CLASS)			ARTERIAL <input type="checkbox"/>			COLLECTOR <input type="checkbox"/>			LOCAL <input type="checkbox"/>	
STEP 2	GEOMETRIC DESIGN	VISIBILITY - MINIMUM 90M ON MAJOR ROADS	<input type="checkbox"/> YES <input type="checkbox"/> NO		If all 'YES' Proceed to Step 3 If 1 or more 'NO' and mitigation feasible, proceed to Step 3 <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> Mitigation required (attach mitigation plan)					
		250M DISTANCE MAINTAINED BETWEEN ANY OTHER TRAFFIC CONTROL DEVICE	<input type="checkbox"/> YES <input type="checkbox"/> NO							
		6% ROAD GRADE MAX	<input type="checkbox"/> YES <input type="checkbox"/> NO							
ALL-WAY STOP WARRANTS										
SOURCE		(HIGHEST CLASS GOVERNS)	ARTERIAL O.T.M.	COLLECTOR TOWN	LOCAL O.T.M.	DATA RECORDED		% COMPLIANCE	Y / N	
STEP 3	WARRANT 1	TRAFFIC CONTROL	INTERIM CONTROLS PRIOR TO INTERSECTION SIGNALIZATION						<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
	WARRANT 2	MINIMUM VOLUMES	a) MINIMUM VEHICLE VOLUMES PER HOUR FROM ALL APPROACHES	500 VEHICLES PER HOUR FOR ALL OF ANY 8 HOURS OF THE DAY	250 VEHICLES PER HOUR FOR ALL OF ANY 4 HOURS OF THE DAY	350 VEHICLES PER HOUR FOR HIGHEST HOUR RECORDED	HR 1: HR 2: HR 3: HR 4:	HR 5: HR 6: HR 7: HR 8:	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N <input type="checkbox"/> Y	
			b) MINIMUM COMBINED VEHICLE AND PEDESTRIAN VOLUMES FROM MINOR ROAD FOR ALL OF ANY 8 HOURS OF THE DAY	200 UNITS PER HOUR	200 UNITS PER HOUR	NOT APPLICABLE	HR 1: HR 2: HR 3: HR 4:	HR 5: HR 6: HR 7: HR 8:	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N <input type="checkbox"/> N	
		c) MAJOR RD. vs. MINOR RD. TOTAL DAILY VEHICLE VOLUME SPLIT	70% / 30%	70% / 30%	70% / 30% 3 WAY 75% / 25% 4 WAY	MAJ.: MIN.:	% %	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N		
WARRANT 3	ACCIDENT HAZARDS	MINIMUM NUMBER OF COLLISIONS PER YEAR FOR A 3 YEAR PERIOD	4	4	4			<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>		
STEP 4	SUPPLEMENTARY WARRANT 4	ACCIDENT HAZARDS	IF VOLUMES FROM WARRANT 2a and 2b EXCEED 75% AND.							<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
			MINIMUM NUMBER OF COLLISIONS PER YEAR FOR A 3 YEAR PERIOD	3	3	3				
	SUPPLEMENTARY WARRANT 5	VEHICLE SPEEDS	IF VOLUMES FROM WARRANT 2a and 2b EXCEED 75% AND.							<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
		85%ILE SPEED AS FIELD DETERMINED IS A MINIMUM 20 KM/HR. IN EXCESS OF THE POSTED OR LEGAL SPEED LIMIT.	NOT APPLICABLE	POSTED SPEED LIMIT	NOT APPLICABLE	85%ILE: EXCESS:				
SUPPLEMENTARY WARRANT 6	PEDESTRIAN EXPOSURE	IF VOLUMES FROM WARRANT 2a and 2b EXCEED 75% AND.							<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
		CROSSING GUARD THRESHOLD IS MET AND ALL-WAY STOP WOULD ENHANCE PEDESTRIAN SAFETY	PEAK 1-HOUR EXPOSURE > 12,800		EXPOSURE INDEX					
NOTE, ALL-WAY STOP SHALL NOT BE RECOMMENDED UNLESS:						ALL-WAY STOP WARRANTED		<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>		
<p>ONE OF THE ABOVE WARRANTS (1 TO 3) ARE 100% MET, OR WHERE THE VOLUME (WARRANT 2) IS 75% OF THE THRESHOLD VALUE AND ONE OF THE FOLLOWING CONDITIONS EXIST:</p> <p>A) ACCIDENT HAZARD IS 75% OF THE THRESHOLD VALUE (SUPPLEMENTARY WARRANT 4)</p> <p>B) THE 85TH PERCENTILE VEHICLE SPEED (ON THE COLLECTOR ROADS ONLY) IS A MINIMUM OF 20 KM/H IN EXCESS OF THE POSTED SPEED LIMIT (SUPPLEMENTARY WARRANT 5)</p> <p>C) PEDESTRIAN EXPOSURE THRESHOLD FOR CROSSING GUARDS IS MET AND ALL-WAY STOP WOULD ENHANCE PEDESTRIAN SAFETY (SUPPLEMENTARY WARRANT 6)</p>										
* TO PROVIDE ADDITIONAL SAFETY FOR PEDESTRIANS WITHIN 100M OF A MAJOR PEDESTRIAN GENERATOR SUCH AS A PARK, SCHOOL OR SENIOR FACILITIES, ALL PEDESTRIANS TO BE FACTORED BY 2.								SIGNATURE FOR TOWN _____		
THE CORPORATION OF THE TOWN OF AJAX						PLANNING & DEVELOPMENT				
APPROVED				ALL-WAY STOP CONTROL INSTALLATION WARRANTS				DWG No.		
REVISION No.										
DATE:		Dec. 2008								