



City of Kawartha Lakes
All Way Stop Warrants

Location: Sturgeon Rd and Mary St, Omemee May 17, 2021

| Warrant | Description | Arterial/ Collector | Local | Actual Count | Meets Warrant? |
|------------------------------|--|--------------------------------------|--|--|-------------------|
| Minimum Vehicle Volume | A. Total vehicular volume entering intersection from all approaches to exceed specified amount for each hour of an eight hour period and | 500 veh/hr. * | 350 Veh for highest hour * | 82 veh for highest hour | No |
| | B. Combined vehicle and pedestrian volume for minor street to average 200 units per hour for eight hour period. | 200 | N/A | | |
| | C. Average delay for vehicles entering intersection over eight hours. | 30 seconds | N/A | | |
| Directional Split | Major/Minor directional split of vehicle entering intersection over eight hours not to exceed. | 70/30 * | 65/35 4- way 75/25 3- way * | 233/88 | Yes |
| Accident Criteria | A. Average reported accidents (susceptible to relief through multi-stop control) per year for a three year period. | 4 | 4 | 0 | No |
| | B. Adequate trail of less restrictive remedies has failed to reduce accident frequency. | | | | |
| Interim Measure | All way stops may be used as an interim measure where traffic signals are warranted. | | | | |
| Sight Distance | All way stops may be used where the minimum sight distance is not achieved. | | | | |
| Warrant Met? | The warrant is deemed to be met if the minimum vehicle volume AND directional split is met OR the accident criteria is met. | | | | NO |
| Recommendation: | | Only split met, not warranted | | | |

- Minimum Vehicle Volume (Arterial) must be Yes for A, B and C (Just 'A' for local roads)
- Accident Criteria must be Yes for A and B
- Must meet both Minimum Vehicle Volume AND Directional Split, or just Accident Criteria