

TECHNICAL SUMMARY
 Prince Edward Drive and Queen Marys Drive

Roadway Classification

Roadway	Classification	Typical Daily Vehicle Volume
Prince Edward Drive	Collector Road	2,500 to 8,000 vehicles
Queen Marys Drive	Local Road	Less than 2,500 vehicles

Existing Roadway Conditions

- Sidewalks are located on both sides of both streets.
- The speed limit is 40 km/h on Prince Edward Drive and Queen Marys Drive.
- Stop controls are located on Queen Marys Drive.

All-Way Stop Control

The justification for the installation of an all-way stop control is based on a technical warrant adopted by Toronto City Council. The analysis of this warrant is based on data compiled from a four-hour traffic study and a review of the collision history.

Study Date: December 4, 2013

Location: Prince Edward Drive and Queen Marys Drive

Four-Hour Study Period	Total Approach Vehicle Volume	Vehicle/Pedestrian Volume Crossing Major Road	Unit Volume Split Major/Minor Roads
7:00 a.m. to 8:00 a.m.	507	26	95/5
8:00 a.m. to 9:00 a.m.	617	45	93/7
4:00 p.m. to 5:00 p.m.	624	35	94/6
5:00 p.m. to 6:00 p.m.	488	19	96/4
Study Period Average	559	31	94/6
<i>Warrant Requirements For Study Period Average</i>	<i>≥ 500</i>	<i>≥ 200</i>	<i>≥ 30/70 or ≤ 70/30</i>

To warrant the installation of an all-way stop control, the traffic volume requirements for the “Study Period Average” must be completely satisfied in either of the following two combinations of the above three categories:

“Total Approach Vehicle Volume” and “Unit Volume Split – Major/Minor Roads”

or

2. “Vehicle/Pedestrian Volume Crossing Major Road” and “Unit Volume Split - Major/Minor Roads”

“Unit Volume Split”: Major Road Volume – Vehicles only.

Minor Road Volume – Vehicles plus pedestrians crossing the major road.