



Left Turn Signals

Left turn signal phasing facilitates left turning traffic at signalized intersections and usually improves the safety of the intersection for vehicles turning left. It should be noted that the implementation of left-turn signals reduces the overall capacity of an intersection since time must be reallocated from other movements.

When Left Turn Signals are Warranted:

The City of Mississauga uses warrant guidelines set out in the Ministry of Transportation Ontario Traffic Manual to determine when a left turn signal is warranted and considers the following factors:

- Left Turn Vehicle Delays
- Collision History

Left Turn Vehicle Delay – From field left-turn queue studies, the number of signal cycle delays is determined. For a left-turn signal to be warranted there must be a consistent one to two cycle delay to left-turning motorists during peak periods before consideration.

Collision History – A left-turn signal will be considered should a collision pattern develop which would be corrected by the implementation of a left-turn signal.

Types of Left Turn Signals:

- **Permissive** – No left-turn signal is provided. Left turns are completed during regular green periods through gaps in opposing traffic.
- **Protected/Permissive** – Begins with a left-turn arrow (protected phase) followed by solid green where left turns are made through gaps in opposing traffic (permissive phase).
- **Protected** – Left turns are completed during the left-turn arrow phase only. Left turns are not permitted during the remainder of the phase. This is generally used at locations with dual left turn movements.

Left Turn Signal Inquiries/Requests:

For inquiries and/or requests involving left turn signals, please contact the City of Mississauga's Customer Service Centre at 3-1-1 (or dial 905-615-4311, if outside the city limits) from Monday to Friday between 7 a.m. to 7 p.m.