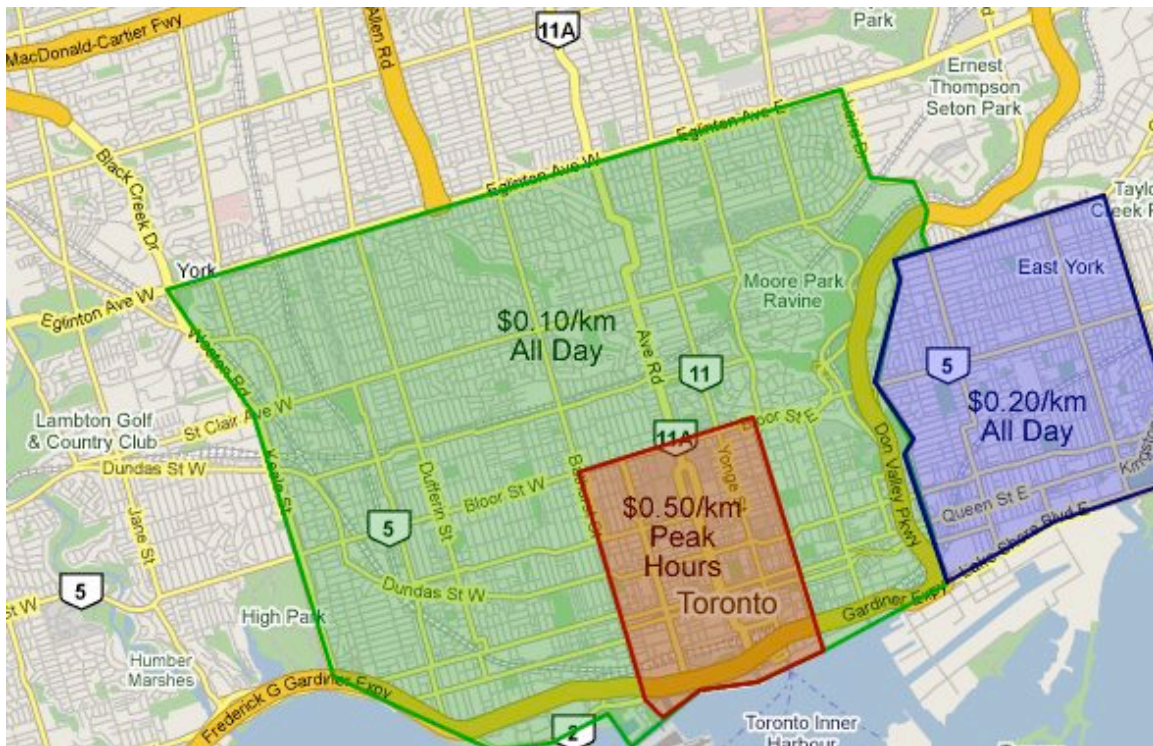


Cordon Tolling

Problem: Many cities are looking to solve traffic problems, especially in crowded central areas. Some of them now charge vehicles when they enter a central zone and as a result have reduced congestion and air pollution. However, flat-entry fees unfairly charge drivers who make short trips and encourage additional driving inside the charging zone. Existing cordon tolling systems require expensive road-side infrastructure at all entry points, making them costly to operate and difficult to expand.



Solution: Skymeter's GPS system allows toll operators to set up cordons where vehicles are charged based on the distance they travel in the charging zone – no road-side infrastructure needed. Cordons can be nested, adjusted and easily expanded. Rates could vary by time of day and vehicle-type in order to reduce congestion and lower air pollution.

Benefits: Short, cross-boundary trips are no longer overcharged and excessive driving inside the cordon is no longer encouraged. The benefits are even greater than in existing systems, since vehicles pay based on how much they actually use the roads. Cities can easily extend these benefits since the cordons can easily be expanded with a simple database change, since there is no infrastructure to add.