

City of Mississauga

Corporate Report



<p>Date: March 3, 2025</p> <p>To: Chair and Members of General Committee</p>	<p>Originator's files:</p>
<p>From: Sam Rogers, MBA, Commissioner of Transportation and Works</p>	<p>Meeting date: March 26, 2025</p>

Subject

Electric Vehicle Charging Station and Car Share Parking – Traffic By-law 555-00 Amendments

Recommendation

1. That a by-law be enacted to amend Traffic By-law 555-00, as amended, to add a new "Schedule 37 Electric Vehicle Charging Station Spaces", a new "Schedule 38 Car Share Parking Spaces" and make general housekeeping amendments, as outlined in the report from the Commissioner of Transportation and Works, dated March 3rd, 2025, entitled "Electric Vehicle Charging Station and Car Share Parking – Traffic By-law 555-00 Amendments".
2. That a by-law be enacted to amend Schedule "A" of the Administrative Penalty By-law 0282-2013, as amended, to establish penalties for unauthorized vehicles parking and stopping and standing in Electric Vehicle Charging Station Spaces, for electric vehicles exceeding the 10 hour parking limit in Electric Vehicle Charging Spaces and Car Share Parking Spaces and in the respective amounts of \$125 and \$55, as outlined in the report from the Commissioner of Transportation and Works, dated March 3rd, 2025, entitled "Electric Vehicle Charging Station and Car Share Parking – Traffic By-law 555-00 Amendments".
3. That all necessary by-laws be enacted.

Executive Summary

- A new Schedule 37 Electric Vehicle Charging Spaces will identify approved car share locations
- A new Schedule 38 Car Share Parking Spaces will identify approved car share locations
- Amendments to the Traffic By-law, and Administrative Penalty By-law will ensure that parking penalties for unauthorized vehicles parking and stopping and standing in Electric Vehicle Charging Station Spaces and Car Share Parking Spaces are in place and enforceable

Background

Car sharing is a service that offers vehicles for short-term rental to registered members of a car share company. Vehicles are generally located across the City near on-street paid parking zones to serve members and are rented on an hourly basis. Vehicles are assigned by the company to a specific designated location, checked out by the member for a specified time, and returned to the same location at the end of the rental period. Since 2012, three different car share companies (Autoshare, Zipcar and Enterprise) have operated in the City of Mississauga, mainly in the Downtown.

Electric Vehicle (EV) sales continue to climb in Mississauga, and more people are making the switch to EVs. There is growing demand for more accessible, fast, and convenient charging infrastructure across the city. To date, 30 Level 2 public EV charging ports – with 22 ports located in municipal parking lots and garages have been installed, and an additional 8 Level 2 ports are available at the Burnhamthorpe Community Centre (Appendix 1). The City of Mississauga is increasing charging infrastructure and making progress on commitments made in the Mississauga's Climate Change Action Plan and the Peel Zero Emission Vehicle Strategy.

Comments

At the April 16, 2014 General Committee meeting in the Corporate Report titled Car Share Service Pilot Project – Final Report from the Commissioner of Transportation and Works, dated March 26, 2014, Council approved the transition of the car share service pilot to an on-going service for general community use. Currently, there are two designated car-share spaces available in the Downtown. As outlined in the User Fees and Charges by-law 0221-2024, the current monthly per vehicle car share parking fee is \$74. On-street, car share spaces are designated through signs, however, these locations and signs are not recognized in the Traffic By-law, and as result, not enforceable when regular vehicles are parked in them, creating a parking problem for authorized users and enforcement in the City.

Benchmarking of Other Municipalities

A review of neighbouring municipalities revealed that at this time only the City of Toronto regulates dedicated car sharing spaces as no standing, with a set fine of \$60. As a result, Schedule 38 Car Share Parking Spaces will be created and will identify approved car share locations, the Traffic By-law will include a definition of Car Share Parking and amendments to several provisions in sections 5, 6 and 7.

The legal principles are that the fine shall not be punitive in nature and shall not exceed the amount reasonably required to promote compliance with a by-law of the municipality. The current City of Mississauga fine for stopping in a "No Stopping" zone is \$55. As such, it is recommended that on conviction, vehicle owners will be subject to a \$55 fine if they park or stop a regular vehicle in a designated car share parking space.

As of December 12, 2019, a new legislative change was implemented across Ontario to ensure electric vehicle (EV) charging spaces are used by vehicles that are plugged-in only. The

Highway Traffic Act was amended to allow for the enforcement of improper parking in an EV parking space. Schedule 37 Electric Vehicle Charging Station Spaces will be created to establish a fine for non-electric vehicles and use by an EV that is not plugged-in using these designated parking spaces.

As per the Highway Traffic Act, on conviction, vehicle owners will be subject to a \$125 fine if they:

- park a non-electric vehicle in a designated EV charging space marked by the prescribed sign
- park an electric vehicle that is not plugged-in at an EV charging space marked by the prescribed sign

On conviction, electric vehicle owners will be subject to a \$125 fine if they exceed the 10-hour parking limit while charging.

Schedule “A” of the City’s Administrative Penalty By-law 0283-13, as amended (“Administrative Penalty By-law”), will also be amended to add reference to Electric Vehicle Charging Station Spaces and Car Share Parking Spaces for parking contraventions of the Traffic By-law.

Financial Impact

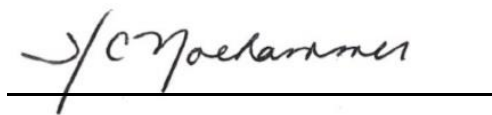
The financial impacts resulting from the recommendations in this report will be limited to future parking infractions fines.

Conclusion

Amendments to the Traffic By-law, and Administrative Penalty By-law will ensure that parking penalties for unauthorized vehicles parking, stopping, and standing in Electric Vehicle Charging Station Spaces and Car Share Parking Spaces are in place and enforceable.

Attachments

Appendix 1: Electric Vehicle Locations



on behalf of

Sam Rogers, MBA, Commissioner of Transportation and Works

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