

On-Street Electric Vehicle Charging Stations on Lake Shore Boulevard West and Weston Road - Parking Amendments (Non-Delegated Locations)

Date: April 13, 2026

To: Etobicoke York Community Council

From: Acting Director, Street Permits, Transportation Services

Wards: Ward 3, Etobicoke-Lakeshore; Ward 5, York South-Weston

SUMMARY

This report outlines the parking by-law amendments required to implement one (1) Electric Vehicle (EV) charging location on Lake Shore Boulevard West, for the roll out of two (2) charging stations. This location has been reviewed and supported by the local Councillor.

Additionally, the Toronto Parking Authority has permanently removed the on-street EV charger at 2000 Weston Road to accommodate a new transit shelter; accordingly, the existing parking by-law for this location should be rescinded.

As the Toronto Transit Commission (TTC) operates a transit service on the highways mentioned in this report, City Council approval of this report is required.

RECOMMENDATIONS

The Acting Director, Street Permits, Transportation Services recommends that:

1. City Council designate an on-street electric vehicle charging station parking area at the following location:
 - a. Lake Shore Boulevard West, south side, from a point 18 metres west of Thirty First Street and a point 7 metres further west (2 angled spaces)

for the exclusive use of electric vehicles and amend City of Toronto Municipal Code Chapter 910, Parking Machines, Parking Meters and Mobile Only Zones and Chapter 950, Traffic and Parking, as generally described in Attachment 2 of this report (April 13, 2026).

2. City Council rescind the designated on-street electric vehicle charging station parking area at the following location:

- a. Weston Road, west side, from a point 31.2 metres south of King Street Crescent and a point 6 metres further south.

FINANCIAL IMPACT

All costs associated with the installation of the new EV charging station on Lake Shore Boulevard West and the removal of the existing one on Weston Road, including signage and pavement markings will be borne by the Toronto Parking Authority.

DECISION HISTORY

The implementation of EV charging on Lake Shore Boulevard West addresses a new initiative, however, a previous decision is available below which refers to the subject matter:

The Infrastructure and Environment Committee, at its meeting of May 25, 2022, adopted, as amended, Item IE30.11 entitled, "On-Street Electric Vehicle Charging Stations - Pilot Conclusion and Next Steps."

<https://secure.toronto.ca/council/agenda-item.do?item=2022.IE30.11>

City Council at its meeting on October 11 and 12, 2023 approved the implementation of the EV charging location on Weston Road.

<https://secure.toronto.ca/council/agenda-item.do?item=2023.EY7.18>

COMMENTS

Transportation Services staff, with the assistance of Toronto Parking Authority and Toronto Hydro, have worked together to identify suitable locations to deploy EV charging stations.

An inventory of locations, identified by staff and through resident outreach were considered and a shortlist of locations were presented to the local Councillor in the Etobicoke York Community Council area. Site selections are determined based on the following criteria:

- In a permit parking area with available permits (i.e., <90% capacity)
- On a street block with at least two fewer permits issued than parking spaces available
- Limited or no daytime parking restrictions or alternate side-of-street parking
- The presence of electric or street light poles located between the curb and sidewalk (considered the boulevard area), directly adjacent to the curb within the sidewalk to

support pole-mounted chargers, or positioned behind the sidewalk where power can be accessed to support pedestal chargers

- On a street that allows for the placement of two adjacent parking spaces (single spaces are also acceptable) without encroaching on driveways, intersections, fire hydrants, or other significant encumbrances
- The location provides sufficient electrical capacity and can otherwise support various EV charging station types (e.g., pole-mounted and pedestal chargers)

This report outlines the parking by-law amendments required to implement one (1) EV charging location to facilitate the roll out of two (2) charging stations for which this Community Council does not have delegated authority from City Council to make a final decision.

New On-Street EV Charging Station Location on Lake Shore Blvd West

The following location has been identified and is supported by the local Councillor for the installation in 2026, with the actual location shown on the map in Attachment 1:

- a. Lakeshore Boulevard West, south side, from a point 18 metres west of Thirty First Street and a point 7 metres further west (2 angled parking spaces)

The designated EV charging station spaces will be subject to any other parking regulations in effect in the area. In addition, parking in these spaces will be limited to a three (3) hour maximum period, in accordance with the pay and display parking machine regulations, to ensure turn-over and users must be actively connected at all times.

The site-specific by-law amendments required to implement the new EV parking areas at the location noted above are detailed in Attachment 2 of this report, with the new regulations taking effect upon installation of the EV charging stations and regulatory signage.

Removal of the EV Charging Location on Weston Road

Transportation Services was notified by the Toronto Parking Authority (TPA) that on March 5, 2026, the on-street EV charger located at 2000 Weston Road was permanently removed to accommodate a new transit shelter. The charger will not be relocated to a new location.

CONTACT

Jason Neudorf, Senior Project Manager
Operational Policy and Initiatives, Transportation Services
Tel: 416-392-0702
Jason.Neudorf@toronto.ca

SIGNATURE

Nazzareno A. Capano, P.Eng.
Acting Director, Street Permits, Transportation Services

ATTACHMENTS

Attachment 1: Map of New On-Street EV Charging Location
Attachment 2: Required Amendments to Parking Regulations

Attachment 1: Map of New On-Street EV Charging Location



Attachment 2: Required Amendments to Parking Regulations

DELETE - Chapter 910, Schedule II (Parking Machine Locations Designated as Electric Vehicle Charging Stations)

Highway	Side Parking	Between	Hours (daily as indicated below)	Fee/Time Limit	Maximum Period Parking
Weston Road	West	A point 31.2 metres south of King Street Crescent and a point 6 metres further south	Anytime	\$1.00 for 1 hour	3 hours

DELETE - Chapter 950, Schedule XLIV (Electric Vehicle Charging Stations Parking)

Highway	Side Parking	Between	Hours (daily as indicated below)	Maximum Period Parking
Weston Road	West	A point 31.2 metres south of King Street Crescent and a point 6 metres further south	Anytime	3 hours

INSERT - Chapter 910, Schedule II (Parking Machine Locations Designated as Electric Vehicle Charging Stations)

Highway	Side Parking	Between	Hours (daily as indicated below)	Fee/Time Limit	Maximum Period Parking
Lake Shore Boulevard West	South	A point 18 metres west of Thirty First Street and a point 7 metres further west	9:00 a.m. to 6:00 p.m., Mon. to Sat.	\$1.50 for 1 hour	3 hours

INSERT - Chapter 950, Schedule XLIV (Electric Vehicle Charging Stations Parking)

Highway	Side Parking	Between	Hours (daily as indicated below)	Maximum Period Parking
Lake Shore Boulevard West	South	A point 18 metres west of Thirty First Street and a point 7 metres further west	Anytime	3 hours