

On-Street Electric Vehicle Charging Stations - Parking Amendments (Non-Delegated Locations)

Date: November 4, 2025

To: Toronto and East York Community Council

From: Director, Policy, Data and Strategic Initiatives, Transportation Services

Wards: Ward 9, Davenport; Ward 13, Toronto Centre; Ward 14, Toronto-Danforth;
Ward 19, Beaches-East York

SUMMARY

This report outlines the parking by-law amendments required to implement two (2) Electric Vehicle (EV) charging locations on Lansdowne Avenue and Pape Avenue, for the roll out of four (4) charging stations. These locations have been reviewed and supported by the local Councillors.

In addition, the report also recommends technical amendments to the parking regulations for existing EV charging station locations on Carlton Street, Dovercourt Road and Queen Street East, which were approved and implemented in 2022.

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

RECOMMENDATIONS

The Director, Policy, Data and Strategic Initiatives, Transportation Services recommends that:

1. City Council designate on-street electric vehicle charging station parking areas at the following locations:

a. Lansdowne Avenue, east side, from a point 240 metres north of Davenport Road and a point 12 metres further north (2 spaces); and

b. Pape Avenue, east side, from a point 28.4 metres south of Strathcona Avenue and a point 12 metres further south (2 spaces)

for the exclusive use of electric vehicles and amend City of Toronto Municipal Code Chapter 950, Traffic and Parking, as generally described in Attachment 2 of this report (November 4, 2025).

2. City Council approve the technical amendments to City of Toronto Municipal Code Chapter 950, Traffic and Parking for the existing on-street EV charging station locations on Carlton Street, Dovercourt Road and Queen Street East, as generally described in Attachment 2 of this report (November 4, 2025).

FINANCIAL IMPACT

All costs associated with the installation of the new EV charging stations, including signage and pavement markings will be borne by the Toronto Parking Authority.

DECISION HISTORY

This report 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."

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2022.IE30.11>

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. One of the two locations identified in this report (i.e., Lansdowne Avenue) is in a designated permit parking area.

An inventory of locations, identified by staff and through resident outreach were considered and a shortlist of locations was presented to local Councillors in the Toronto and East York Community Council area. Site selection was predicated on the following criteria, namely:

- 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 back of the curb and sidewalk (considered the boulevard area) and where poles are located in the sidewalk directly adjacent to the curb to allow pole-mounted chargers
- On a street that allows for the placement of two parking spaces that are ideally end-to-end (single spaces are also acceptable when the end-to-end option is not available) 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 two (2) EV charging locations to facilitate the roll out of four (4) 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 Locations

The following locations have been identified and are supported by the local Councillors for installation in 2025, with actual locations shown on the map in Attachment 1:

- a. Lansdowne Avenue, east side, from a point 240 metres north of Davenport Road and a point 12 metres further north (2 spaces); and
- b. Pape Avenue, east side, from a point 28.4 metres south of Strathcona Avenue and a point 12 metres further south (2 spaces).

The designated EV charging station spaces will be subject to any other parking regulations in effect in the area, including the need for an on-street parking permit where and when required. In addition, parking in these spaces will be limited to a twelve (12) hour maximum period for permit parking holders, and three (3) hours maximum period for non-permit parking holders 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 locations 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.

Housekeeping Issue

Transportation Services discovered discrepancies between the by-lawed parking regulations and the posted signage on Carlton Street (2 EV charging spots), Dovercourt Road (2 EV charging spots) and Queen Street East (4 EV charging spots) which were approved and installed in 2022. The amendments in Attachment 2 will rectify this inconsistency and require no change to the posted signage.

CONTACT

Nazzareno A. Capano, P.Eng.
Manager, Operational Policy and Initiatives, Transportation Services
Tel: 416-392-7766
Nazzareno.Capano@toronto.ca

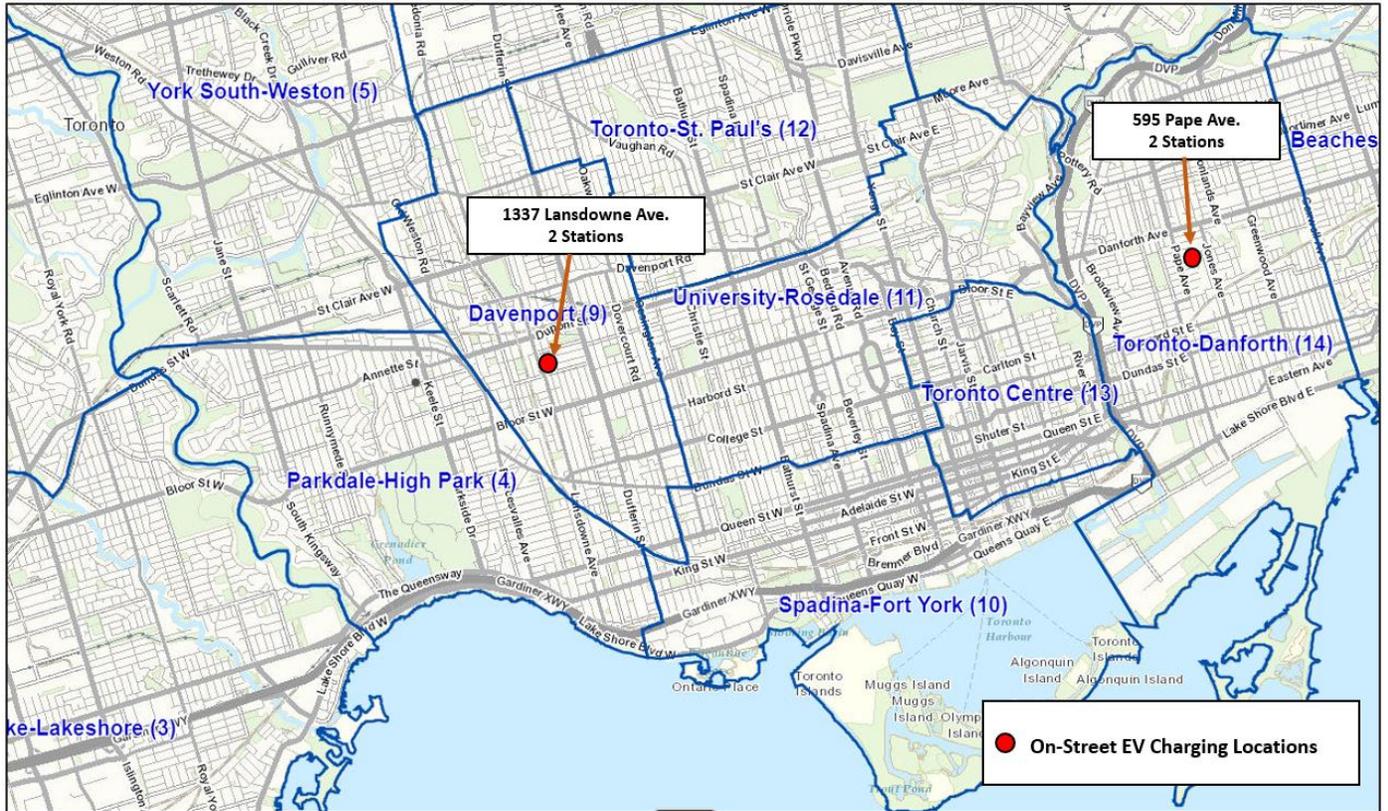
SIGNATURE

Elyse Parker
Director, Policy, Data and Strategic Initiatives, Transportation Services

ATTACHMENTS

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

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



Attachment 2: Required Amendments to Parking Regulations

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

Highway	Side Parking	Between	Hours (daily as indicated below)	Maximum Period Parking
Carlton Street	North	A point 6.5 metres west of Bleecker Street and a point 6 metres further west	Anytime	12 hours
Carlton Street	North	A point 33.2 metres east of Bleecker Street and a point 6 metres further east	Anytime	12 hours
Dovercourt Road	East	A point 58.3 metres north of Hepbourne Street and a point 12 metres further north	Anytime	12 hours
Queen Street East	North	A point 22.4 metres east of Northern Dancer Boulevard and a point 12 metres further east	Anytime	12 hours
Queen Street East	North	A point 24.4 metres west of Rainsford Avenue and a point 12 metres further west	Anytime	12 hours

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

Highway	Side Parking	Between	Hours (daily as indicated below)	Maximum Period Parking
Carlton Street	North	A point 6.5 metres west of Bleecker Street and a point 6 metres further west	Anytime, except 7:00 a.m. to 9:00 a.m., Mon. to Fri.	12 hours

Highway	Side Parking	Between	Hours (daily as indicated below)	Maximum Period Parking
Carlton Street	North	A point 33.2 metres east of Bleecker Street and a point 6 metres further east	Anytime, except 7:00 a.m. to 9:00 a.m., Mon. to Fri.	12 hours
Dovercourt Road	East	A point 58.3 metres north of Hepbourne Street and a point 12 metres further north	Anytime, except 4:00 p.m. to 6:00 p.m., Mon. to Fri.	12 hours
Lansdowne Avenue	East	A point 240 metres north of Davenport Road and a point 12 metres further north	Anytime	12 hours
Pape Avenue	East	A point 28.4 metres south of Strathcona Avenue and a point 12 metres further south	Anytime, except 4:00 p.m. to 6:00 p.m., Mon. to Fri.	3 hours
Queen Street East	North	A point 22.4 metres east of Northern Dancer Boulevard and a point 12 metres further east	Anytime, except 7:00 a.m. to 9:00 a.m., Mon. to Fri.	12 hours
Queen Street East	North	A point 24.4 metres west of Rainsford Avenue and a point 12 metres further west	Anytime, except 7:00 a.m. to 9:00 a.m., Mon. to Fri.	12 hours