

On-Street Electric Vehicle Charging Stations on Elmhurst Avenue and Glendora Avenue - Parking Amendments

Date: June 6, 2023

To: North York Community Council

From: Director, Policy and Innovation, Transportation Services

Wards: Ward 18 - Willowdale

SUMMARY

This report outlines the parking by-law amendments required to implement the parking areas for three (3) EV charging station locations, for the roll out of six (6) EV charging stations for which this Community Council has delegated authority from City Council to make a final decision. These locations have been reviewed and supported by the local Councillor.

RECOMMENDATIONS

The Director, Policy and Innovation recommends that:

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

- a. Elmhurst Avenue, south side, from a point 66.3 metres east of Beecroft Road and a point 12 metres further east (2 spaces);
- b. Glendora Avenue, north side, from a point 22.1 metres east of Yonge Street and a point 12 metres further east (2 spaces); and
- c. Glendora Avenue, north side, from a point 24.1 metres west of Bates Avenue and a point 12 metres further west (2 spaces);

for the exclusive use of electric vehicles and amend City of Toronto Municipal Code Chapter 910, Parking Machines and Meters and Chapter 950, Traffic and Parking, as described in Attachment 2 of this report (June 6, 2023).

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.

The Chief Financial Officer and Treasurer has reviewed this report and agrees with the financial impact information.

DECISION HISTORY

City Council, at its meeting of June 15 and 16, 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

City Council at its meeting on June 15 and 16, 2022 requested the Board of Directors of Toronto Parking Authority to work with the General Manager, Transportation Services, Toronto Hydro and relevant stakeholders to install a minimum of 50 on-street electric vehicle chargers by the end of 2023.

Transportation Services staff, with the assistance of Toronto Parking Authority and Toronto Hydro, have been working together to identify suitable locations to deploy EV charging stations primarily in locations with Pay and Display machines, but may also include locations designated for permit parking.

An inventory of locations, identified by staff and through resident outreach were considered and a shortlist of locations was presented to the local Councillor. Site selection was predicated on the following criteria, namely:

- In a permit parking area with available permits (i.e., <90% capacity)
- Pay and Display machines within Business Improvement Areas
- 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
- On a street that allows for the placement of two EV dispensers ideally end-to-end on a single pole for two changing spots (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 the EV charge stations

This report outlines the parking by-law amendments required to implement the parking areas for three (3) EV charging station locations to facilitate the roll out of six (6) EV

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charging stations for which this Community Council has delegated authority from City Council to make a final decision.

New On-Street EV Charging Station Location

The following locations have been identified and are supported by the local Councillor for installation in 2023, with actual locations shown on the map in Attachment 1:

- a. Elmhurst Avenue, south side, from a point 66.3 metres east of Beecroft Road and a point 12 metres further east (2 spaces),
- b. Glendora Avenue, north side, from a point 22.1 metres east of Yonge Street and a point 12 metres further east (2 spaces) and
- c. Glendora Avenue, north side, from a point 24.1 metres west of Bates Avenue and a point 12 metres further west (2 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) hours maximum period, in accordance with 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 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.

CONTACT

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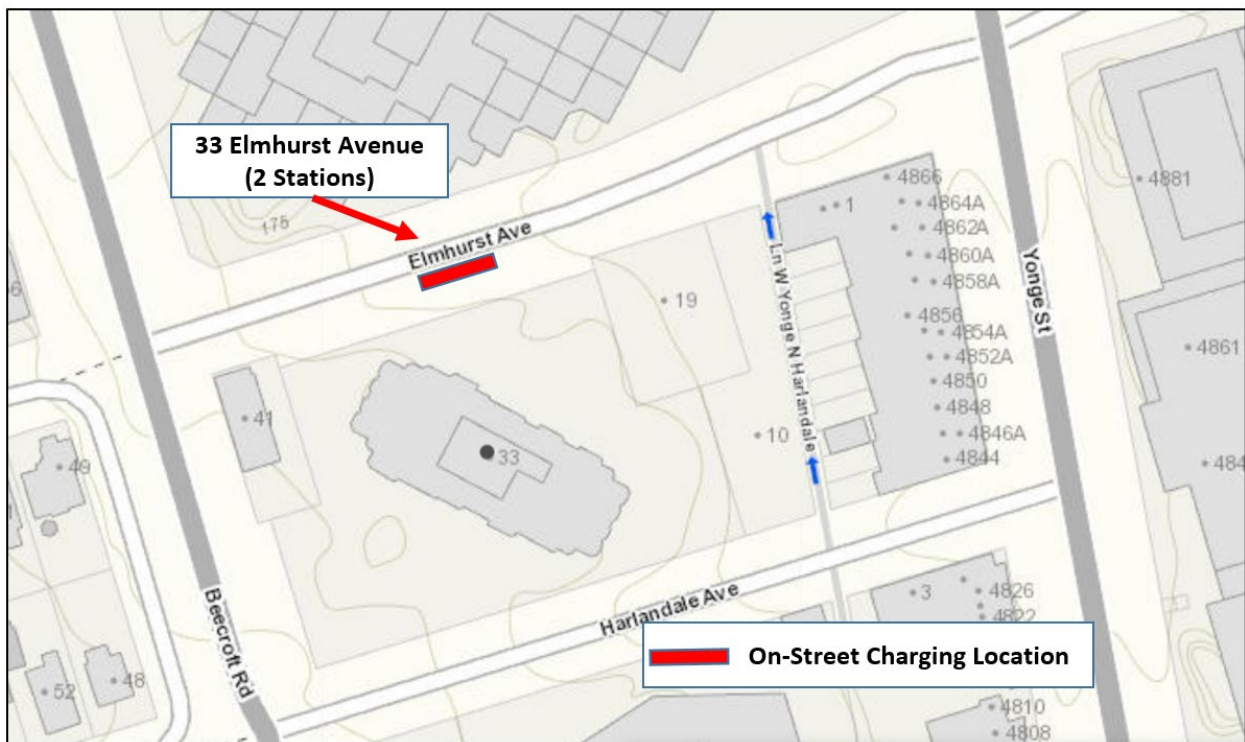
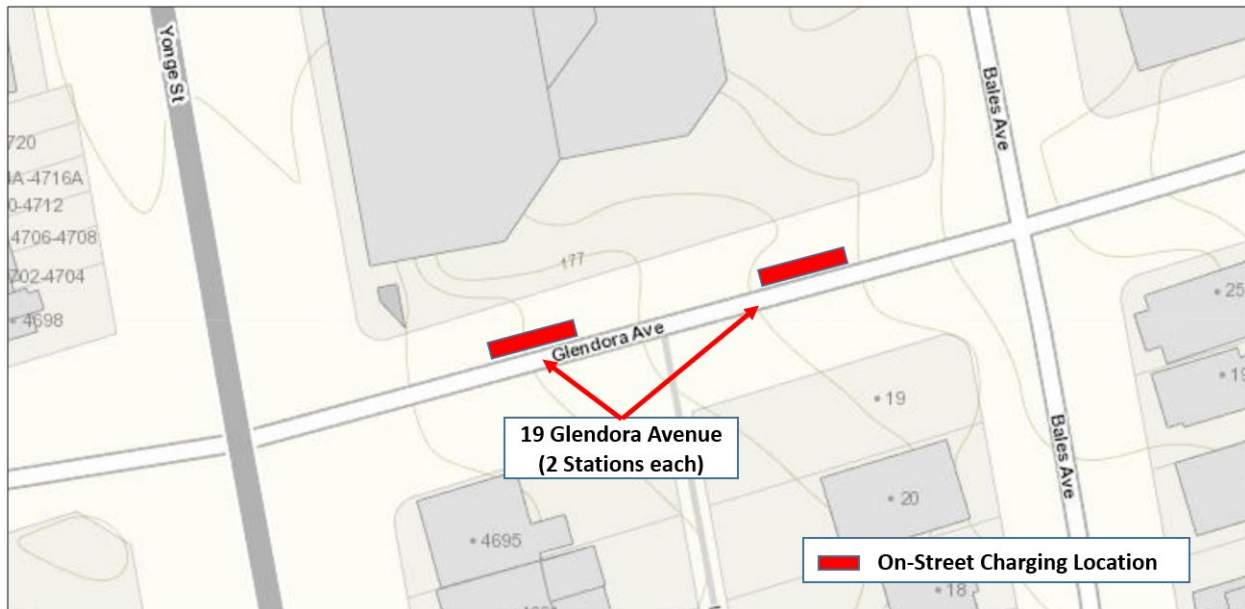
Elyse Parker
Director, Policy & Innovation,
Transportation Services

ATTACHMENTS

Attachment 1: Map of On-Street EV Charging Locations

Attachment 2: Required Amendments to Parking Regulations

Attachment 1: Map of On-Street EV Charging Locations



Attachment 2: Required Amendments to Parking Regulations

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 Parking Period
Elmhurst Avenue	South	A point 66.3 metres east of Beecroft Road and a point 12 metres further east	8:00 a.m. to 9:00 p.m., Mon. to Sat.; 1:00 p.m. to 9:00 p.m. Sun.	\$4.00 for 1 hour	3 hours
Glendora Avenue	North	A point 22.1 metres east of Yonge Street and a point 12 metres further east	8:00 a.m. to 9:00 p.m., Mon. to Sat.; 1:00 p.m. to 9:00 p.m. Sun.	\$3.00 for 1 hour	3 hours
Glendora Avenue	North	A point 24.1 metres west of Bates Avenue and a point 12 metres further west	8:00 a.m. to 9:00 p.m., Mon. to Sat.; 1:00 p.m. to 9:00 p.m. Sun.	\$3.00 for 1 hour	3 hours

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

Highway	Side Parking	Between	Hours (daily as indicated below)	Maximum Period Parking
Elmhurst Avenue	South	A point 66.3 metres east of Beecroft Road and a point 12 metres further east	Anytime	3 hours
Glendora Avenue	North	A point 22.1 metres east of Yonge Street and a point 12 metres further east	Anytime	3 hours

Highway	Side Parking	Between	Hours (daily as indicated below)	Maximum Period Parking
Glendora Avenue	North	A point 24.1 metres west of Bates Avenue and a point 12 metres further west	Anytime	3 hours