

On-Street Electric Vehicle Charging Stations on Fulton Avenue - Parking Amendment (Delegated Location)

Date: June 6, 2023

To: Toronto and East York Community Council

From: Director, Policy and Innovation, Transportation Services

Wards: Ward 14 -Toronto-Danforth

SUMMARY

This report outlines the parking by-law amendment required to implement the parking area for one (1) of the EV charging station locations, on Fulton Avenue, for the roll out of two (2) EV charging stations for which this Community Council has delegated authority from City Council to make a final decision. This location has been reviewed and supported by the local Councillor.

The report, "On-Street Electric Vehicle Charging Stations (Various Locations) - Parking Amendments (Non-Delegated Locations)," has been submitted to the June 22, 2023 meeting of Toronto and East York Community Council to designate the required non-delegated parking by-law amendments for the remaining eighteen (18) locations and thirty-four (34) additional EV charging stations.

RECOMMENDATIONS

The Director, Policy and Innovation recommends that:

1. Toronto and East York Community Council designate on-street electric vehicle charging station parking areas on Fulton Avenue, on the south side, from a point 30.7 metres west of Jackman 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 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

Toronto 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 local Councillors in the Toronto 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)
- 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 amendment required to implement the parking area for one (1) of the EV charging station locations to facilitate the roll out of two (2) EV 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 location has been identified and is supported by the local Councillor for installation in 2023, with actual location shown on the map in Attachment 1:

- a. Fulton Avenue, south side, from a point 30.7 metres west of Jackman 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, including the need for an on-street parking permit. In addition, parking in these spaces will be limited to a twelve (12) hour maximum period for permit parking holders, to ensure turn-over, and users must be actively connected at all times.

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

CONTACT

Nazzareno A. Capano, P.Eng.
Manager, Transportation Policy & Innovation
Transportation Services
Tel. (416) 392-7766
Nazzareno.Capano@toronto.ca

SIGNATURE

Elyse Parker
Director, Policy & Innovation,
Transportation Services

ATTACHMENTS

Attachment 1: Map of On-Street EV Charging Location
Attachment 2: Required Amendment to Parking Regulation

Attachment 1: Map of On-Street EV Charging Location



Attachment 2: Required Amendment to Parking Regulation

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

Highway	Side Parking	Between	Hours (daily as indicated below)	Maximum Period Parking
Fulton Avenue	South	A point 30.7 metres west of Jackman Avenue and a point 12 metres further west	Anytime	12 hours