



Electric Vehicle Charging Stations – New Park Board Locations

Park Board Committee Meeting
Monday, January 15, 2018



To share information about the engagement process and to seek Board approval of the short term deployment strategy for new EV charging stations at Dunbar Community Centre, Trout Lake Community Centre, and Killarney Community Centre in 2018.

Background: Board Authority / Previous Decisions

- **July 20, 2009**, Park Board approved a motion directing staff to identify potential capacity and suitable parking lots and nearby areas for electric vehicle charging.
- **June 11, 2012**, the Park Board approved the installation of three electric vehicle charging stations along Beach Avenue in partnership with Telus.



- **2011 – 2014**
 - Coal Harbour Community Centre
 - Hillcrest Community Centre
 - Mount Pleasant Community Centre
 - Beach Ave

- **2016**
 - Empire Fields DC Fast Charging station

The council-approved plan aims to improve the public charging network by expanding the Level 2 network to all City-owned, public facing buildings.



- A minimum of two charging stations will be deployed at each location
- Additional charging stations will be installed as capacity for future stations as demand increases.

Proposed new charging locations (3):



Dunbar Community
Center



Killarney
Community Center



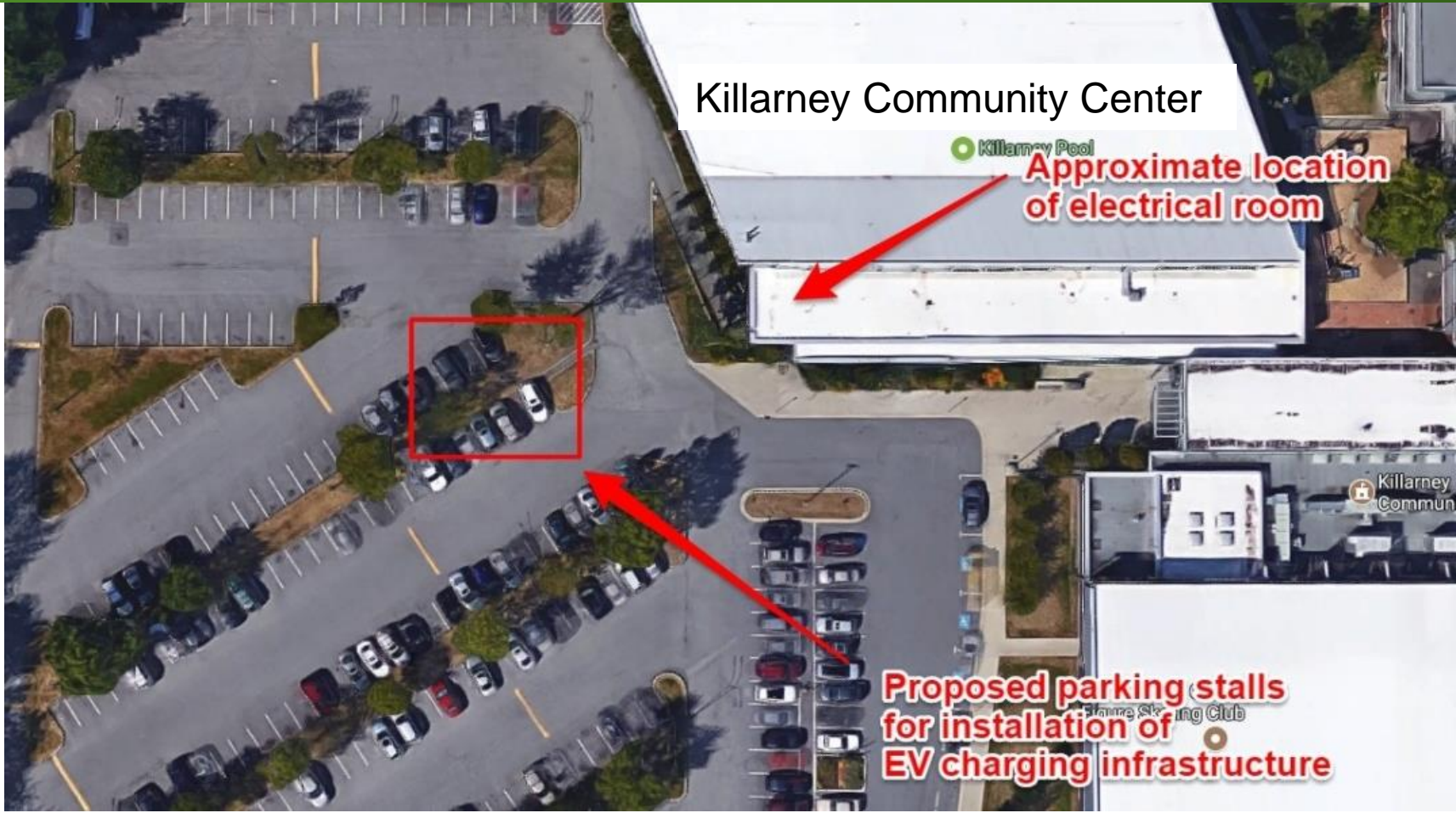
Trout Lake
Community Centre

Dunbar Community Centre

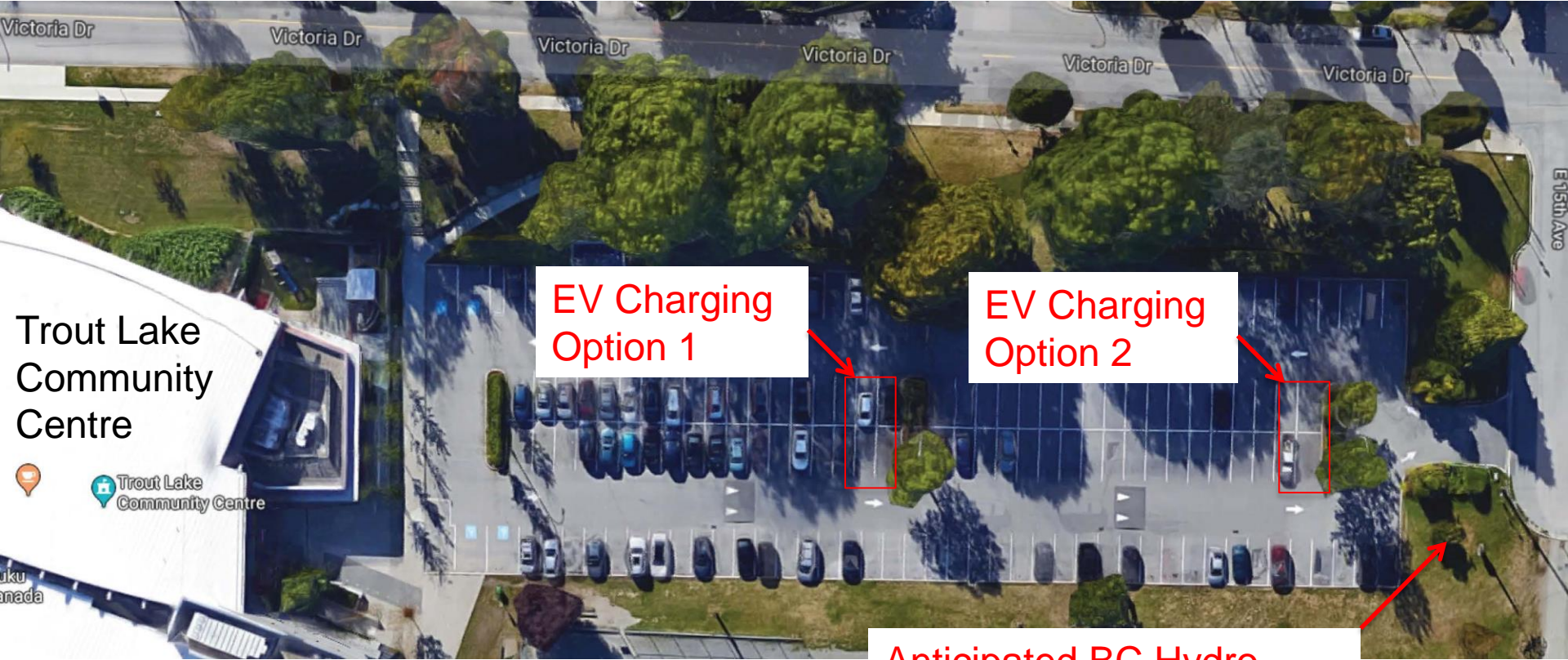




Killarney Community Centre



Trout Lake Community Centre



Trout Lake
Community
Centre

Trout Lake
Community Centre

EV Charging
Option 1

EV Charging
Option 2

Anticipated BC Hydro
Connection and upgrade

Trout Lake Community Centre



Engagement: Park Board Staff

- City Staff met with staff including Recreation Supervisors for Dunbar, Killarney, Trout Lake, and Kerrisdale Community Centres.



Engagement: Community Centre Associations

- Letters were sent to the Community Centre Associations at the proposed installation locations to inform them of the project
- The installation of EV charging infrastructure at the Kerrisdale Community Centre **will not** be included in the short term deployment strategy due to concerns raised.



- Any future installations proposed by the City will be reviewed by staff as described in the report.
- Staff will seek approval from the elected Park Board prior to installing infrastructure at any new locations.

Alignment with Park Board Strategic Plan

- Universally Accessible EV charging units
- City Managed Resource



- Increased Advocacy for Sustainable Technology
- Input from Community Center Associations and Park Board Staff

THAT the Vancouver Park Board approve the installation and operation of new electric vehicle charging stations at Dunbar, Killarney, and Trout Lake Community Centres, with all work and costs managed by the City of Vancouver, to the satisfaction of the Park Board General Manager.

