TO: Committee of the Whole
FROM: Kim Fowler
Manager, Long-Range Planning, Energy & Sustainability
FILE: 5285-20

MEETING: June 9, 2020

SUBJECT: Review of Proposed EV Charging Station Locations for Electoral Area F and District of Lantzville

RECOMMENDATION

1. That the Electric Vehicle Charging Station proposed for Electoral Area F be moved to the City of Parksville’s City Hall.

2. That the location for an Electric Vehicle Charging Station in the District of Lantzville be changed from Huddlestone Park to the District of Lantzville Municipal Hall.

SUMMARY

At a Regular Board meeting on February 25, 2020, the Board passed the following motion:

It was moved and seconded that staff be directed to review the location of the electric vehicle charging station in Electoral Area F. (Resolution # 20 – 083).

A summary of available locations in Electoral Area F (EA F) that were considered for a Level-2 Electric Vehicle (EV) Charging Station is shown in Attachment 1. The summary compares available locations using the following criteria: land ownership, facility ownership, the grant program requirements (e.g. civic-owned property), 24/7 vehicular access, visibility from the main road, proximity to other amenities, site safety, accessibility, and any additional comments.

Errington Community Park was the original location submitted in the grant application for EA F. Upon review, the capital project planned for that site has been delayed, including a renewal of a Provincial agreement. Further review of possible locations did not find an alternate suitable site in EA F. The City of Parksville has requested an EV charging station to be located at Parksville City Hall, which meets the grant criteria shown in Attachment 2.

The District of Lantzville has requested to change the location of the EV charging station from Huddlestone Park to the District of Lantzville Municipal Hall, which meets the grant criteria shown in Attachment 2.

BACKGROUND

The Canadian Energy Association (CEA) initiated participation in a CleanBC grant program for EV charging stations with the Regional District of Nanaimo (RDN) being the lead applicant for the mid-island. The province is expected to announce the successful grant recipients this
summer. If the RDN is a successful funding recipient, ten Level-2 Charging stations will be installed throughout the region as part of a Mid-Island Charging Network.

The RDN has been working with the CEA to meet the grant conditions and has identified suitable locations in our region that were approved by the Board in July 2019. The ten EV charging stations will be part of the twenty-eight submitted by the Mid-Island Charging Station Initiative, which will increase the current public EV charging station capacity from 70 to 98 EV charging stations.

On February 25, 2020, the RDN Board passed a resolution requesting the proposed location for EA F be reviewed. The proposed location approved was Errington Community Park. The original assessment in 2018 relied on a capital improvement project for the park area, which has been delayed, including a renewal of a Provincial agreement. Existing bylaw contraventions have also not been resolved. Further review of possible locations did not find an alternate suitable site in EA F (see Attachment 1). The City of Parksville has responded that it would accept the EV charging station at Parksville City Hall, which meets the grant criteria shown in Attachment 2. This is also the location of Parkville’s first EV charging station in the grant application.

The District of Lantzville has requested to change the location of the EV charging station from Huddlestone Park to the District of Lantzville Municipal Hall due to better servicing and expected improved usage. District of Lantzville staff have confirmed the new location meets the grant criteria shown in Attachment 2.

**ALTERNATIVES**

1. That the Electric Vehicle Charging Station proposed for Electoral Area F be moved to the City of Parksville’s City Hall and
2. That the location for an Electric Vehicle Charging Station in the District of Lantzville be changed from Huddlestone Park to the District of Lantzville Municipal Hall or
3. That alternate direction be provided.

**FINANCIAL IMPLICATIONS**

There are not any additional financial implications to changing locations of EV charging stations, subject to the Province accepting proposed location changes. The cost for the RDN to install the EV charging stations is included in the 2020 financial plan.

The net total project cost for purchase and installation of 10 EV charging stations in the RDN is $60,000 that will be funded from the Corporate Climate Action Reserve Fund. The Clean BC grant will fund 73% of successful applications ($162,222 for the RDN) leaving 27% to be funded by the local government ($60,000 from the RDN). The RDN is the lead applicant for a mid-island initiative totaling $222,222 of initial funding from the Corporate Climate Action Reserve Fund.

**STRATEGIC PLAN IMPLICATIONS**

Climate Change - Develop a regional strategy for electric vehicle charging.
This project supports Goal 1: to “Be leaders in climate change adaptation and mitigation and become net zero by 2032” by contributing to a regional network of public EV charging stations; making it easier for individuals to switch from a carbon-using and emitting powered vehicles to zero emission vehicles.

Kim Fowler
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June 9, 2020

Reviewed by:
- G. Garbutt, General Manager, Strategic and Community Development
- P. Carlyle, Chief Administrative Officer

Attachments:
1. Assessment of Potential EV Charging Locations for EA F
2. RDN Proposed EV Charging Location Changes