

B.4

MOTION ON NOTICE

4. Transforming Technology in Street Infrastructure

MOVER: Mayor Gregor Robertson

SECONDER:

WHEREAS

1. Demand for cellular phone ("cell") coverage and increased data is rising dramatically and continued expansion is necessary to provide the tools necessary for economic development;
2. This demand is requiring the installation of additional cell infrastructure across the city;
3. Innovation with cell and 4G infrastructure is enabling the use of new, smaller more capable portable devices that increasingly are replacing landlines and fixed devices as ways to stay connected;
4. The City has been working with the telecommunications industry to address the challenges that an increasing number of antennas is creating across the city;
5. The City's Greenest City Action Plan calls for the rapid growth of electric vehicles (EV) across the city;
6. The demand for new technology has led to proposals, including one from Douglas Coupland, for the next generation of street infrastructure that integrates light, communication and transportation service.

THEREFORE BE IT RESOLVED THAT staff be requested to:

- (a) Report back on the work underway between the City and the telecommunications industry to address challenges that have been raised by the community related to increasing cell infrastructure in Vancouver;
- (b) Review and update policies for the installation of this infrastructure in Vancouver;
- (c) Assess the viability of the 'V-pole' and any other proposed technologies that address the growing demand for cellular and EV infrastructure; and
- (d) Seek out pilot projects with the telecommunications, lighting and EV industries to test and implement innovative technologies using city infrastructure like streetlight poles.

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