

Added Item 7.4(c)

CITY OF HAMILTON

MOTION

Advisory Committee for Persons with Disabilities: December 8, 2020

MOVED BY J. KEMP

SECONDED BY

Acoustic Vehicle Alerting System Requirement for Electric Scooters (City Wide)

WHEREAS, e-scooters are a nearly silent form of transportation due to the electric motor and the low speeds at which they operate;

WHEREAS, pedestrians, in particular, persons with visual impairment and those with mobility devices, rely on their ability to hear traffic and to react in time to avoid collisions;

WHEREAS, it has been proven that electric engines need to reach speeds over 20 kph before they become audible enough to hear at a relatively safe distance. This is close to the top speed of e-scooters;

WHEREAS, the technology exists to artificially produce sound on electric vehicles in order to mitigate the risk to pedestrians, especially those with visual impairments and mobility issues. These devices can reproduce engine sounds through a variety of means, i.e. resonator tubes, fan created noise makers and more comical sound makers; and,

WHEREAS, these devices are relatively low cost and can be fitted on to E-scooters either pre- or post- manufacture;

THEREFORE, BE IT RESOLVED:

That the Advisory Committee for Persons with Disabilities respectfully recommends that Hamilton City Council require acoustic vehicle alerting systems to be installed on all e-scooters (Kick Scooters) that operate within the City of Hamilton.