



City of
Peterborough

To: Members of the Peterborough Environmental Advisory Committee

From: Michael Papadacos, Manager of Infrastructure Management Division

Meeting Date: April 21, 2021

Subject: Report PEAC21-014
Cycling Master Plan Update

Purpose

A presentation to provide the PEAC with an overview of the draft Cycling Master Plan (CMP) vision, goals and recommended scenarios for network expansion being contemplated and seek a supporting motion from the Committee for the targets and actions presented given the importance of the CMP outputs to facilitate mitigation of community transportation sector emissions.

Recommendations

That the PEAC approve the recommendations outlined in Report PEAC21-014 dated April 21, 2021, of the Manager of Infrastructure Management Division, as follows:

- a) That the presentation from a representative from the project consulting team (IBI Group) and Sue Sauvé – Transportation Demand Management Planner be received for information; and,
- b) That the PEAC supports the proposed vision, goals and scenario being presented for the **Cycling Master Plan** as a key strategy to help mitigate greenhouse gas (GHG) emissions from the community transportation sector to achieve broader community reduction targets.

Budget and Financial Implications

There are no budgetary or financial implications associated with the recommendation.

Background

The draft Cycling Master Plan (CMP) is a long-term strategic plan to guide the development of the cycling network and increase cycling mode share in Peterborough. The CMP is one of several ongoing studies that will provide input to the Transportation Master Plan. The CMP launched a public consultation process in May 2020. There have been two prior rounds of public engagement for the CMP. The first one was to lay the foundation for the CMP, identifying the level of interest in cycling initiatives. The second round of consultation was completed in October 2020 and focused on creating the vision, goals, network expansion scenarios, cycling targets, and identified new potential cycling route candidates. The three scenarios for network expansion are as follows:

- Option 1 - Continue: modest investment, capital funding of approximately \$6 million by 2041, 20 km of new cycling infrastructure, and an overall bike mode share of 5-7 percent of total trips resulting in an estimated reduction of 2,100 tonnes CO_{2e} of GHG emissions over a 20-year period.
- Option 2 - Accelerate: moderate investment, capital funding of approximately \$24 million by 2041, 80 km of new cycling infrastructure, and an overall bike mode share of 7-10 percent of total trips resulting in an estimated reduction of 9,350 tonnes CO_{2e} of GHG emissions over a 20-year period
- Option 3 - Spark (**recommended scenario**): substantial investment, capital funding of approximately \$48 million by 2041, 160 km of new cycling infrastructure and an overall bike mode share of 10-12 percent of total trips resulting in an estimated reduction of 16,650 tonnes CO_{2e} of GHG emissions over a 20-year period

The background work also identified that additional supporting measures such as enhanced elementary school cycling programming, community cycling programs, and general community education and engagement initiatives would be necessary to achieve higher cycling mode shares. The background information should be reviewed at www.connectptbo.ca/cycling.

The most recent round of public engagement kicked off in April 2021 to review the draft recommendation for the cycling vision and to receive input on the potential cycling network, additional routes, priority routes, all age cycling routes, and cycling facility types. Detailed comments by individuals can be provided at www.connectptbo.ca/cycling.

The report outlining the vision and objectives for the CMP is anticipated to be presented to Council in June/July 2021 and further feasibility review will continue over the summer

to finalize the proposed cycling network and consider other potential costs (infrastructure, land acquisition, etc.) and implementation recommendations.

Submitted by,

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