



Hamilton's Minimum Grid

Prioritizing cycle safety and accessibility
Gabriella Christopher



Why a Minimum Grid?

INTEREST

41%



of Ontarians would like to **cycle more** than they currently do¹

65%



of Ontarians report they would **cycle more** if there was better cycling infrastructure¹

CYCLING BENEFITS



0.25kg of CO₂ emission are avoided per

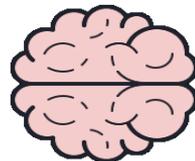
1km



cycled > driven²



frequent cycling reduces the risk of **heart disease**³



and is associated with improved **mental health**⁴

support **local business**



cyclists spend less per trip but make **more trips**⁵

HAMILTON



Hamilton has declared a **Climate Emergency**

> **1/3**



< **5km** conveniently cyclable⁶

of trips in the GTHA are



Community Engagement and Participation

Cycling increases interaction with one's surroundings compared to driving



Healthy and Safe Communities

Infrastructure increases perceived and physical safety while contributing to better health outcomes



Our People and Performance

By supporting the city's vision and vision zero cycling investments build citizen trust



Clean and Green

As a form of active transportation cycling reduces emission causing vehicle usage

Economic Prosperity and Growth

Cycling is an affordable form of transportation that can provide opportunities for those facing transportation insecurity. Cycling infrastructure can also supports local businesses



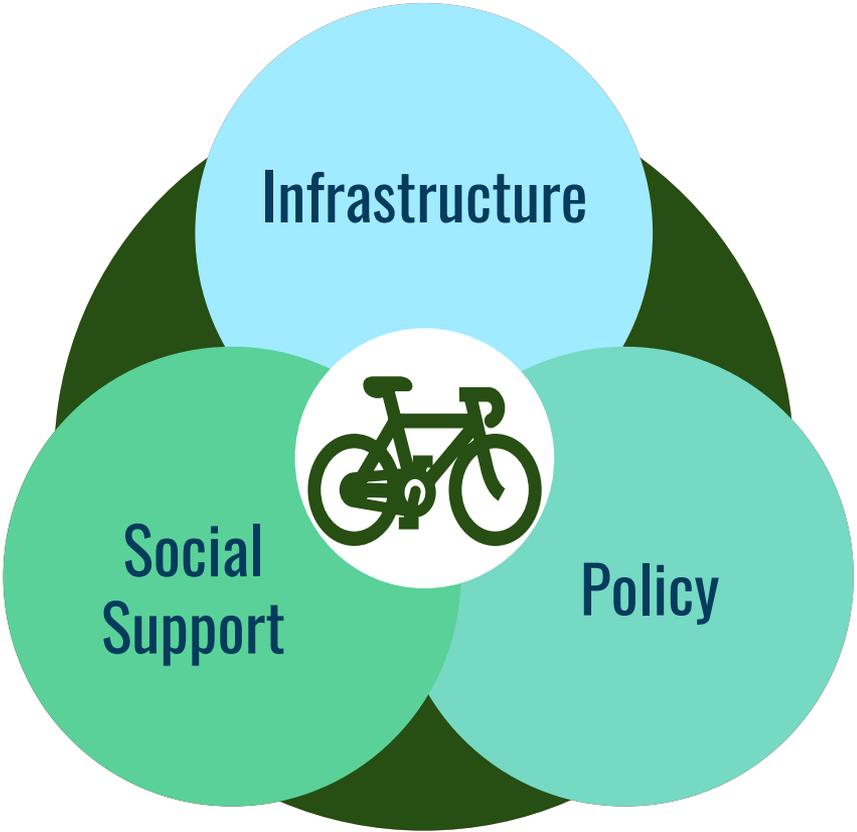
Built Environment and Infrastructure

Cycling investments contribute to environments that support active transportation and outdoor recreation



Cultural Diversity

An all ages and abilities cycling network will help bring different people together



1. Infrastructure



Increase Protection



Sterling St bike lane
(by author 2019)



Bay St Cycle Track
(by author, 2019)



Nacto guidelines in Vancouver Transportation Planning (2019)⁹

2. Policy



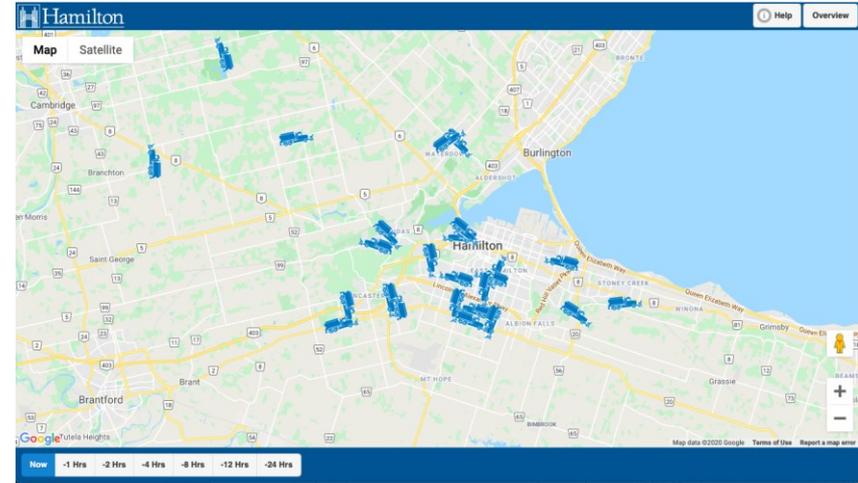
Snow Clearing



Snow on Dundurn St Bike Lane
(Randy Kay, Jan 2020)



Snow on ___ Bike Lane
(Randy Kay, Nov 2019)



Hamilton Plow Tracker (Open Data, Hamilton)

3. Innovative Social Support



Local Partnerships



Thank you

