



# 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 do<sup>1</sup>

65%



of Ontarians report they would **cycle more** if there was better cycling infrastructure<sup>1</sup>

CYCLING BENEFITS

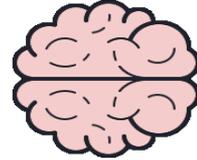


**0.25kg** of CO<sub>2</sub> emission are avoided per

**1km**



frequent cycling reduces the risk of **heart disease**<sup>3</sup>



and is associated with improved **mental health**<sup>4</sup>

support **local business**



cyclists spend less per trip but make **more trips**<sup>5</sup>

HAMILTON



Hamilton has declared a **Climate Emergency**

> **1/3**



< **5km** conveniently cyclable<sup>6</sup>

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

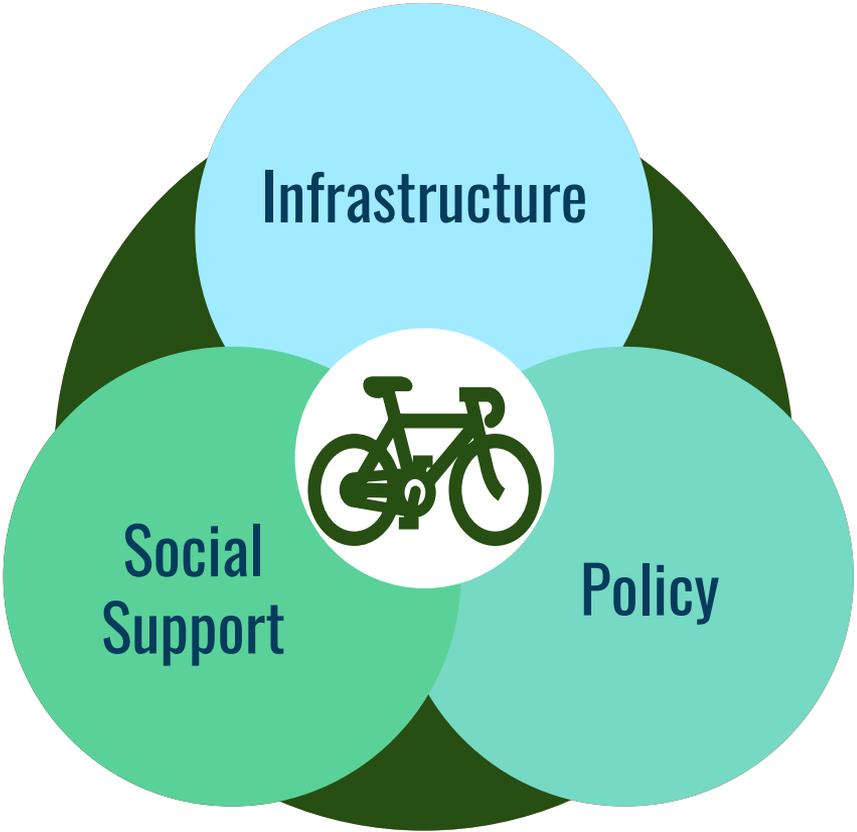
Cycling investments contribute to environments that support active transportation and outdoor recreation



## 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)<sup>9</sup>

## 2. Policy



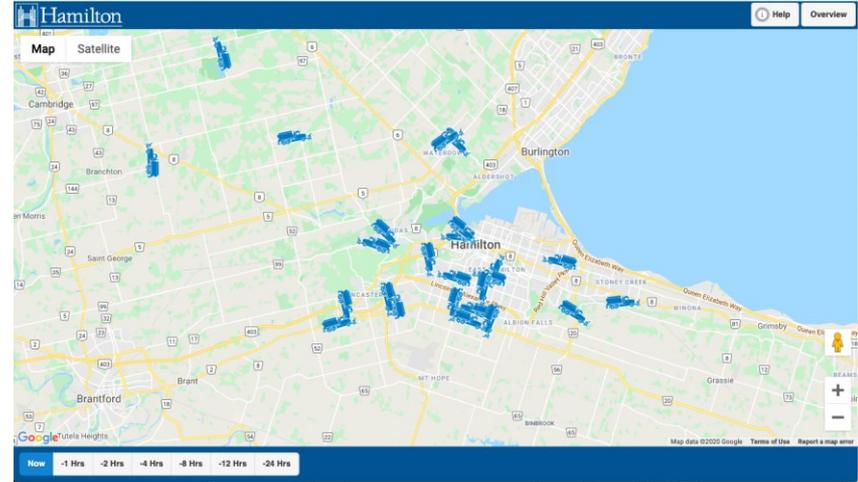
### Snow Clearing



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

