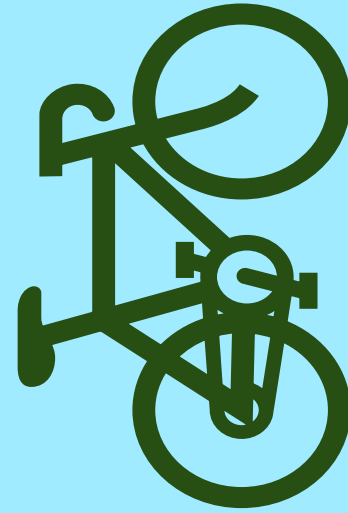




Hamilton's Minimum Grid

Prioritizing cycle safety and accessibility
Gabriella Christopher



Why a Minimum Grid?

INTEREST

T

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

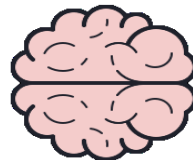
1km



cycled > driven²



frequent cycling
reduces the risk of
heart disease³



and is associated
with improved
mental health⁴

support
local business



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

HAMILTON



Hamilton has declared a
Climate Emergency

> **1/3**



<5km

of trips in the
GTHA are



conveniently cyclable⁶

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



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



Cultural Diversity

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



Clean and Green

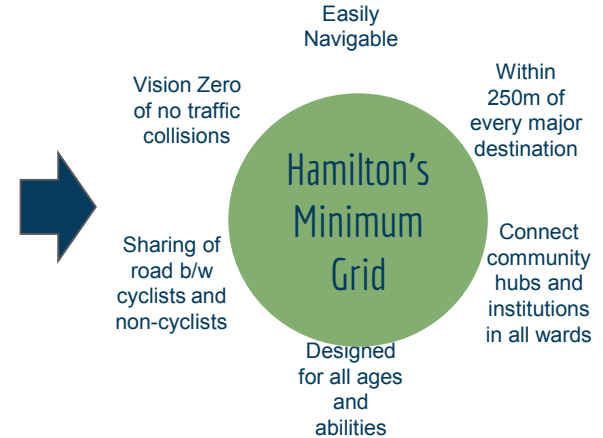
As a form of active transportation cycling reduces emission causing vehicle usage

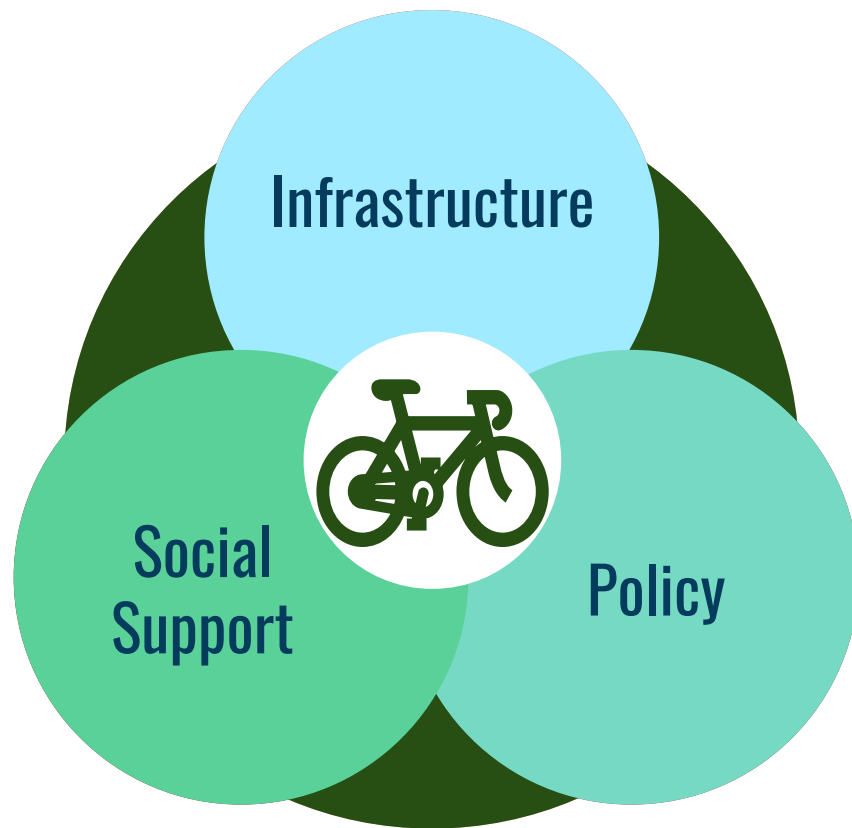


Built Environment and Infrastructure

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

What contributes to a connected cycling network in Hamilton?

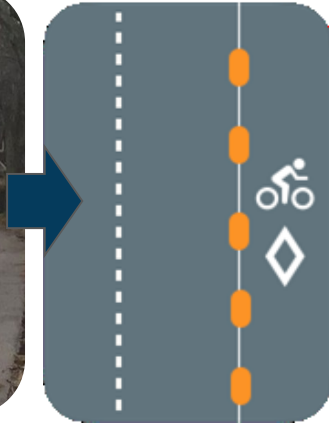




1. Infrastructure



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



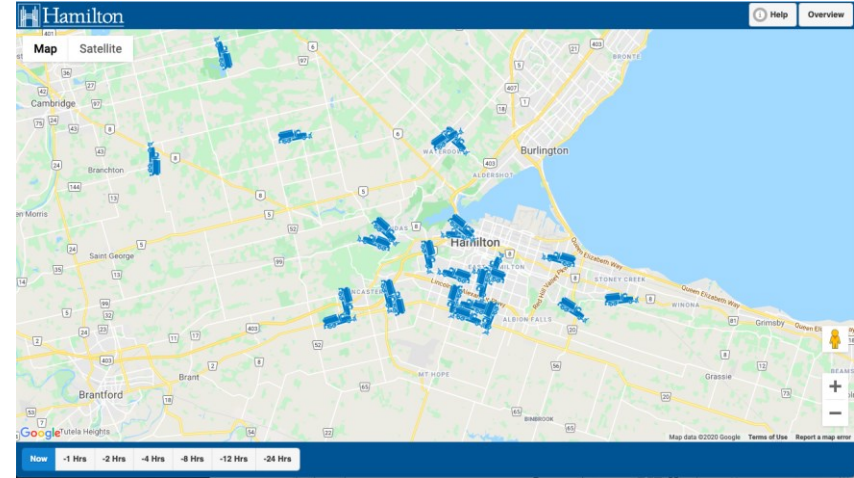
Snow Clearing



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

